aiwa SERVICE

XH-AG1000 HR

SIMPLE-2

A part of contents is adequate.
Re-issuing is under request.

SERVICE MANUAL

COMPACT DISC
STEREO SYSTEM

BASIC TAPE MECHANISM : 6ZM-1 AR3NM
BASIC CD MECHANISM : AZG-1 VZD3RNDM

SYSTEM	CD	SPEAKERS	REMOTE
XH–AG1000	CX–AG1000	SX–WA1000 SX-C1800 SX–R1800	RC–AAS01

- This Service Manual is the “Revision Publishing” and replaces “Simple Manual” XH-AG1000 (HR), (S/M Code No. 09-005-431-8T1).
- This Service Manual does not include “CD TEST MODE”. This item will be issued in the next supplement.
- If requiring information about the CD mechanism, see Service Manual of AZG-1 (S/M Code No. 09-001-335-3NG).

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S/M Code No. 09-007-431-8R1

REVISION DATA

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SPECIFICATIONS

Main unit CX-AG1000

<FM Tuner section>

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	13.2 dBf
Antenna terminal	75 ohms (unbalanced)

<AM Tuner section>

Tuning range	530 kHz to 1710 kHz (10 kHz step) 531 kHz to 1602 kHz (9 kHz step)
Usable sensitivity	350 µV/m
Antenna	Loop antenna

<Amplifier section>

Mid-high frequency amplifier

Power output	**Front** Rated: 80 W + 80 W (8 ohms, T.H.D. 1 %, 1 kHz) Reference: 100 W + 100 W (8 ohms, T.H.D. 10 %, 1 kHz) **Rear (Surround)** Rated: 80 W + 80 W (8 ohms, T.H.D. 1 %, 1 kHz) Reference: 100 W + 100 W (8 ohms, T.H.D. 10 %, 1 kHz) **Center** Rated: 80 W (8 ohms, T.H.D. 1 %, 1 kHz) Reference: 100 W (8 ohms, T.H.D. 10 %, 1 kHz)
Total harmonic distortion	0.15 % (40 W, 1 kHz, 8 ohms)

Low frequency + Sub woofer amplifier

Power output	Rated: 200 W + 200 W (6 ohms, T.H.D. 1 %, 100 Hz) Reference: 250 W + 250 W (6 ohms, T.H.D. 10 %, 100 Hz)
Total harmonic distortion	0.15 % (100 W, 100 Hz, 6 ohms, DIN AUDIO/Front)
Inputs	AUX: 310 mV (adjustable) PHONO: 400 mV (47 kohms) VIDEO1, VIDEO2, VIDEO3: 310 mV 5.1CH INPUT (adjustable) FRONT: 300 mV SURROUND: 300 mV CENTER: 600 mV SUB WOOFER: 300 mV
Outputs	MONITOR/VIDEO OUT: 1.0Vp-p (75ohms) REC OUT/AUDIO MONITOR: 310mV VIDEO1,VIDEO2 OUT: 310mV CD DIGITAL OUT (OPTICAL) SPEAKERS HIGH FREQ: accept speakers of 8 ohms or more SPEAKERS: LOW FREQ + SUB WOOFER: accept speakers of 6 ohms or more SURROUND SPEAKERS: accept speakers of 8 – 16 ohms CENTER SPEAKER: accepts speaker of 8 ohms or more PHONES (stereo jack): accepts headphones of 32 ohms or more

<Cassette deck section>

Track format	4 tracks, 2 channels stereo
Frequency response	CrO2 tape: 50 Hz – 16000 Hz Normal tape: 50 Hz – 15000 Hz
Signal-to noise ratio	60 dB (Dolby B NR ON, CrO2 tape peak level, above 400 Hz)
Recording system	AC bias
Heads	Recording/playback head x 1, erase head x 1

<Compact disc player section>

Laser	Semiconductor laser (λ =780 nm)
D/A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.03 % (1 kHz, 0 dB)
VIDEO SIGNAL	NTSC/PAL color format (selectable)
VIDEO DATA	MPEG1
AUDIO DATA	MPEG1,LAYER2

<General>

Power requirements	120 V/220 – 230 V/240 V AC, switchable 50/60 Hz
Power consumption	320 W
Dimensions of main unit (W x H x D)	360 x 372 x 423 mm
Weight of main unit	19 kg

Speaker system SX-WA1000

Cabinet type	4 way, built-in subwoofer
Speakers	Subwoofer: 220 mm cone type Woofer: 160 mm cone type Tweeter: 60 mm cone type Super tweeter: 20 mm ceramic type
Impedance	6 ohms / 8 ohms
Output sound pressure level	89 dB/W/m
Dimensions (W x H x D)	250 x 592 x 300 mm
Weight	11.7 kg

Speaker system SX-R1800

Speakers	Full-range: 100 mm x 1, cone type
Impedance	8 ohms
Dimensions (W x H x D)	120 x 230 x 175 mm
Weight	1.9 kg

Speaker system SX-C1800

Speakers	Full-range: 100 mm x 2, cone type
Impedance	8 ohms
Dimensions (W x H x D)	430 x 120 x 175 mm
Weight	2.7 kg

• Design and specifications are subject to change without notice.

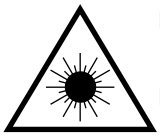
• Manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY", the double-D symbol ◻◻ and "PRO LOGIC" are trademarks of Dolby Laboratories Licensing Corporation.

• The word "BBE"and the "BBE symbol" are trademarks of BBE Sound, Inc.
Under license from BBE Sound,Inc.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!
WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!
Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saataa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!
Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herin may result in hazardous radiation exposure.

ATTENTION
L'utillisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL
Usynlig laserstråling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

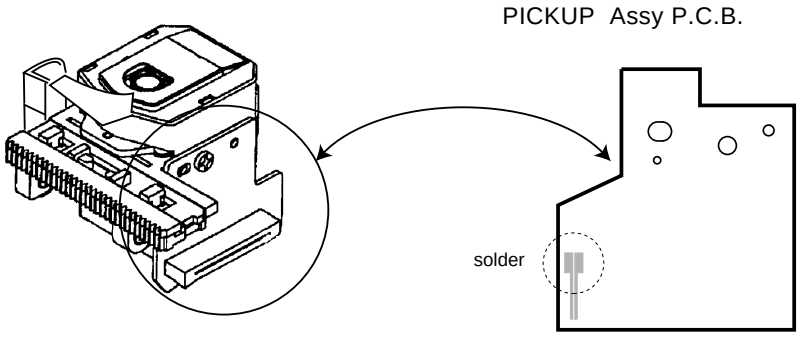
CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

Precaution to replace Optical block

(KSM – 880CAB)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in the right figure.



NOTE ON BEFORE STARTING REPAIR

1. Forced discharge of electrolytic capacitor of power supply block

When repair is going to be attempted in the set that uses relay circuit in the power supply block, electric potential is kept charged across the electrolytic capacitors (C101, 102) even though AC power cord is removed. If repair is attempted in this condition, secondary defect can occur.
In order to prevent the secondary trouble, perform the following measures before starting repair work.

Discharge procedure

① Remove the AC power cord.
② Connect a discharging resistor at an end of lead wire that has clips at both ends. Connect the other end of the lead wire to metal chassis.
③ Contact the other end of the discharging resistor to the positive (+) side (+VH) of C101. (For two seconds)
④ Contact the same end of the discharging resistor as step ③ to the negative (-) side (-VH) of C102 in the same way. (For two seconds)
⑤ Check that voltage across C101 and C102 has decreased to 1 V or less using a multimeter or an oscilloscope.

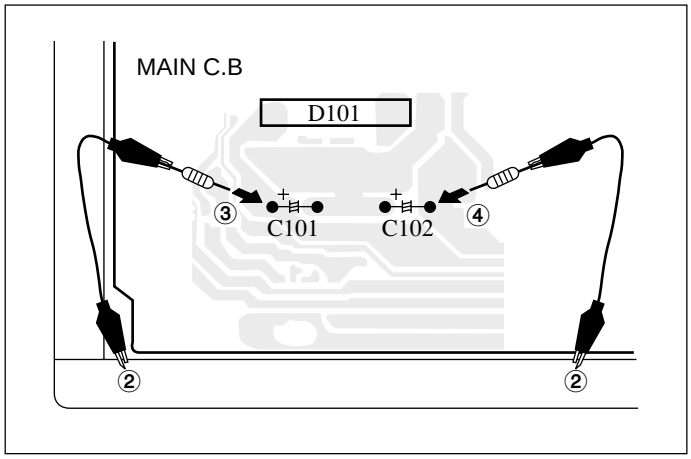


Fig-1

Select a discharging resistor referring to the following table.

Charging voltage (V) (C101, 102)	Discharging resistor (Ω)	Rated power (W)	Parts number
25-48	100	3	87-A00-247-090
49-140	220	5	87-A00-232-090

Note: The reference numbers (C101, C102) of the electrolytic capacitors can change depending on the models. Be sure to check the reference numbers of the charging capacitors on schematic diagram before starting the discharging work.

2. Check items before exchanging the MICROCOMPUTER

Be sure to check the following items before exchanging the MICROCOMPUTER. Exchange the MICROCOMPUTER after confirming that the MICROCOMPUTER is surely defective.

2-1. Regarding the HOLD terminal of the MICROCOMPUTER

When the HOLD terminal (INPUT) of the MICROCOMPUTER is "H", the MICROCOMPUTER is judged to be operating correctly. When this terminal is "L", the main power cannot be turned on. Therefore, be sure to check the terminal voltage of the HOLD terminal before exchange.
When the MICROCOMPUTER is not defective, the HOLD terminal can also go "L" when the POWER AMPLIFIER has any abnormalities that triggers the abnormality detection circuit on the MAIN C. B. that sets the HOLD terminal to "L".

- Good or no good judgement of the MICROCOMPUTER

① Turn on the AC main power.
② Confirm that the main power is turned on and the HOLD terminal of the MICROCOMPUTER keeps the "H" level or not.
③ When the HOLD terminal is "L" level, the abnormality detection circuit is judged to be working correctly and the MICROCOMPUTER is judged to be good.

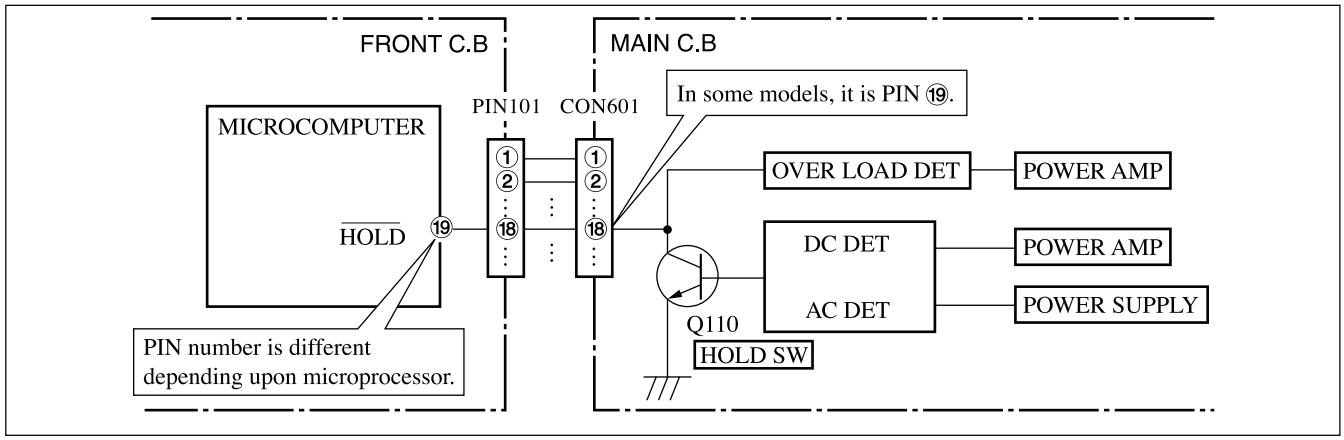


Fig-2-1

In such a case, check also if the POWER AMPLIFIER circuit or power supply circuit has any abnormalities or not.

2-2. Regarding reset

There are cases that the machine does not work correctly because the MICROCOMPUTER is not reset even though the AC power cord is re-inserted, or the software reset (pressing the STOP key + POWER key) is performed.
When the above described phenomenon occurs, it can lead to wrong judgement as if the MICROCOMPUTER is defective and to exchange the MICROCOMPUTER. In such a case, perform the forced-reset by the following procedure and check good or no good of the MICROCOMPUTER.

① Remove the AC power cord.

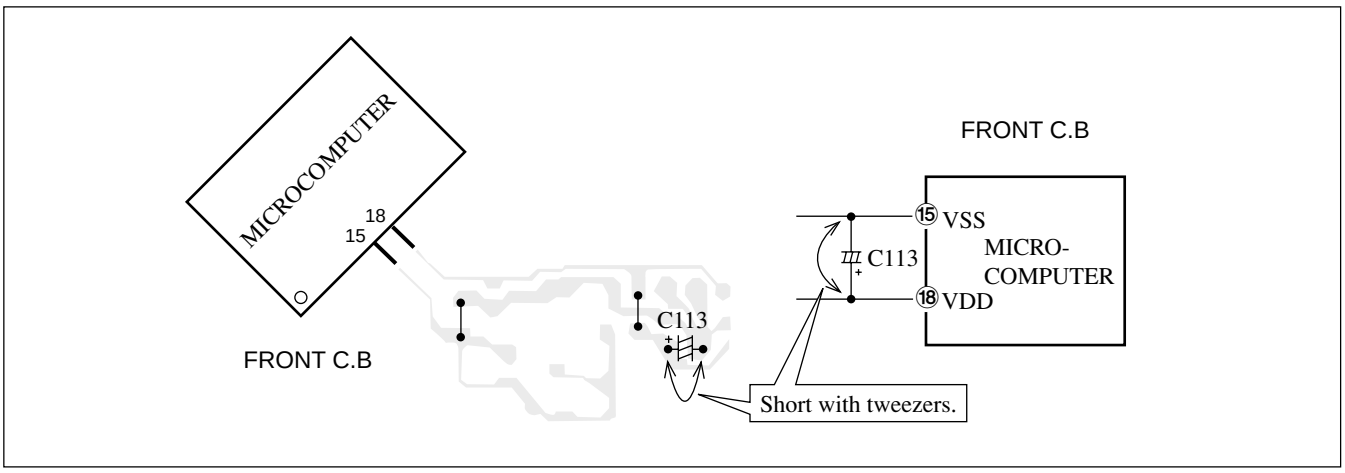


Fig-2-2

② Short both ends of the electrolytic capacitor C113 that is connected to VDD of the MICROCOMPUTER with tweezers.
③ Connect the AC power cord again. If the MICROCOMPUTER returns to the normal operation, the MICROCOMPUTER is good.

Note: The reference number or MICROCOMPUTER pin number of transistor (Q110) and electrolytic capacitor (C113) can change depending on the models. Be sure to check the reference numbers on schematic diagram before starting the discharging work.

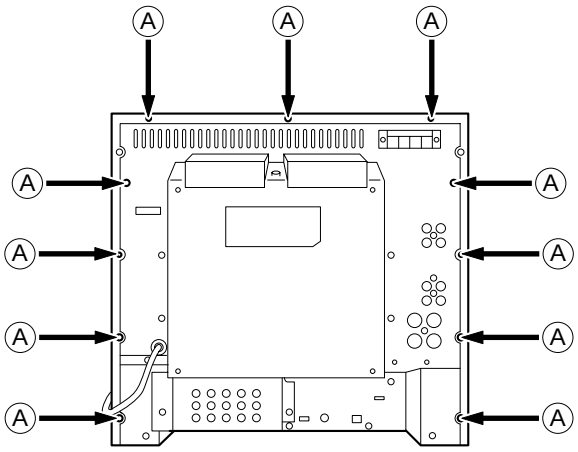
2-3. Confirmation of soldering state of MICROCOMPUTER

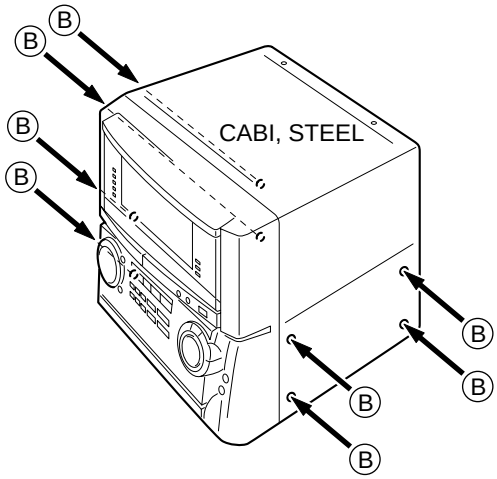
Check the soldering state of the MICROCOMPUTER in addition to the above described procedures. Be sure to exchange the MICROCOMPUTER after surely confirming that the trouble is not caused by poor soldering but the MICROCOMPUTER itself.

DISASSEMBLY INSTRUCTIONS

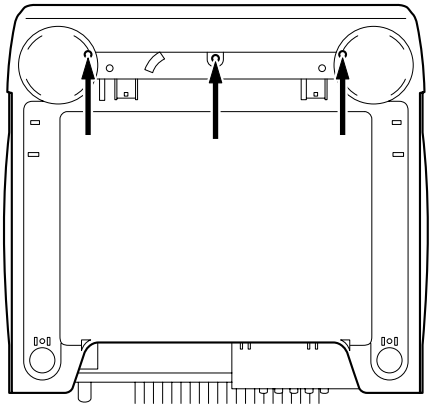
CD disassembling procedure

1. Remove the 19 screws (Ⓐx11, Ⓑx8) and remove the CABI, STEEL.

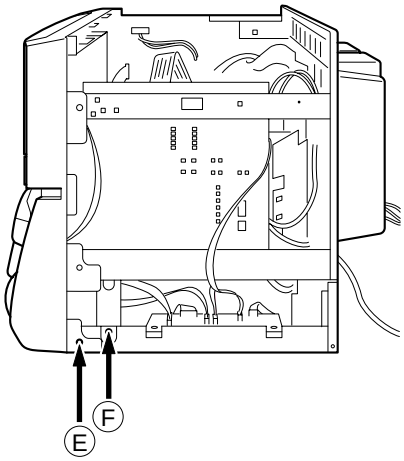


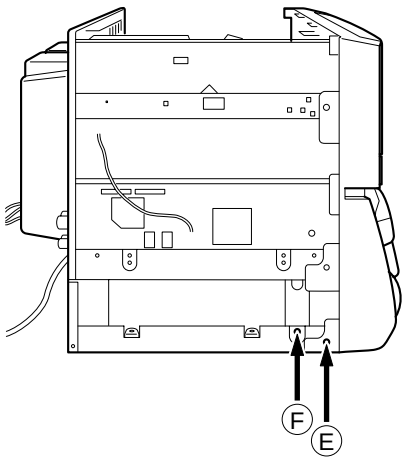


2. Remove the 3 screws from the bottom of the unit.

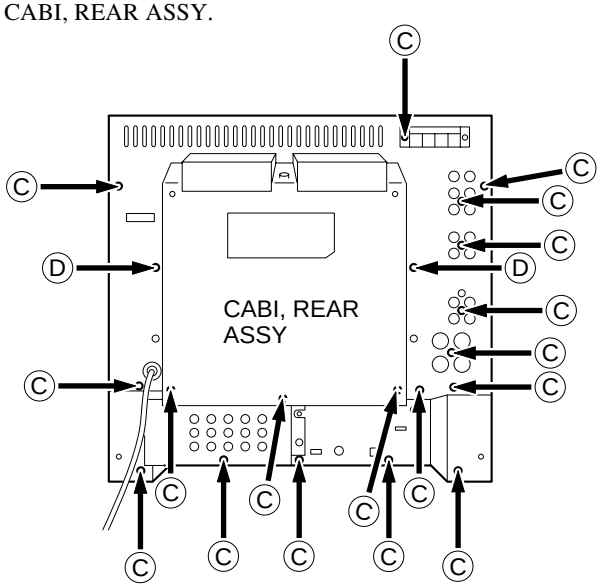


3. Remove the 4 screws (Ⓔx2, Ⓕx2) from both sides.

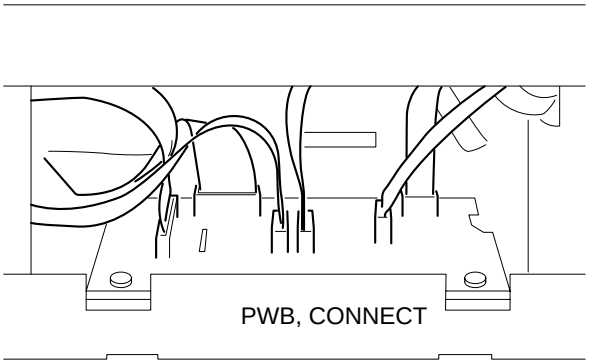




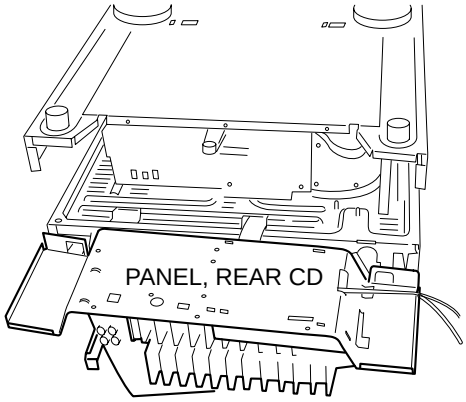
4. Remove the 20 screws (Ⓒx18, Ⓓx2) and remove the CABI, REAR ASSY.



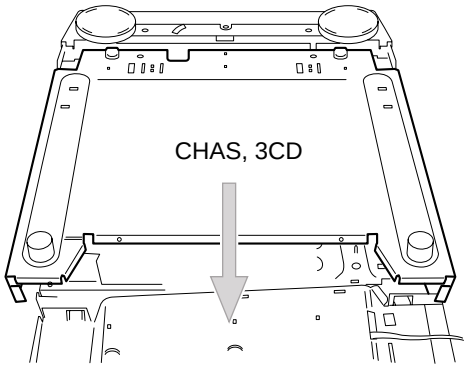
5. Remove the 6 FFCs from the PWB, CONNECT.



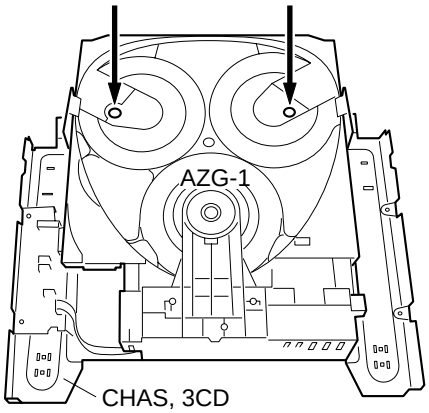
6. Remove the PANEL, REAR CD.



7. Remove the CHAS, 3CD together with the AZG-1.



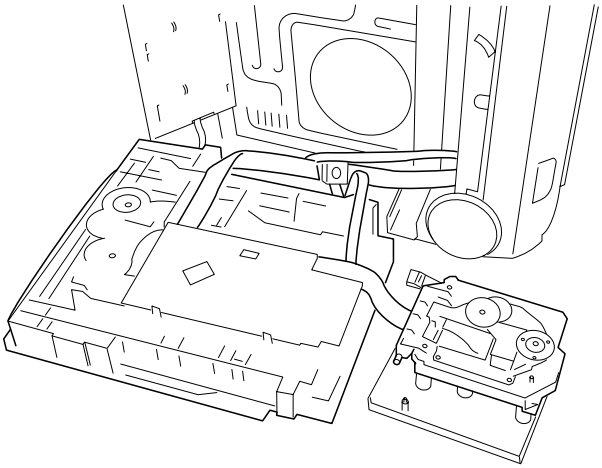
8. Remove the 2 screws and remove the AZG-1 from the CHAS, 3CD.



CD service position

The AZG-1 can be repaired while the power is on by using the jig introduced in the Service Technical Information (SI-98-028).

1. Procedure
   Connect the jig as shown below.



ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC			
	87-020-454-010		IC,DN6851
	87-A21-406-040		C-IC,LC87F65C8A
	87-A21-419-040		IC,NJM14558MD-TE2
	87-A20-914-010		IC,SPS-442-1-F
	87-A20-355-010		IC,CXA1553P
	87-A20-783-040		C-IC,BA7762AFS
	87-A21-023-040		C-IC,BA3835F
	87-A21-022-040		C-IC,BA3880FS
	87-017-915-080		IC,BU4094BCF
	87-A21-031-040		C-IC,BU4551BF
	87-A21-202-040		C-IC,M62445AFP
	87-A21-481-040		C-IC,HD74HC4051FP
	87-070-127-110		IC,LC72131D
	87-A20-913-010		IC,LA1837NL
	87-A20-440-040		C-IC,BU1920FS
	87-A21-097-040		C-IC,M62463AFP
	87-A21-015-040		C-IC,M62491FP
	87-A20-820-010		IC,BA7625
	87-017-917-080		IC,BU4066BCF
	87-017-726-080		IC,BU4052BCF
	87-A20-561-040		C-IC,M65847AFP
TRANSISTOR			
	89-213-702-010		TR,2SB1370E
	87-A30-087-080		C-FET,2SK2158
	87-A30-075-080		C-TR,2SA1235F
	89-327-143-080		C-TR,2SC2714(O)
	87-A30-076-080		C-TR,2SC3052F
	89-333-266-080		C-TR,2SC3326B
	87-A30-107-070		C-TR,CMBT5401
	87-A30-106-080		C-TR,CMBT5551
	87-A30-142-040		C-TR,DTA123EKA
	87-026-580-080		C-TR,DTA123JK
	87-A30-159-080		C-TR,KTA1298Y
	87-A30-073-080		C-TR,RT1N141C
	87-A30-074-080		C-TR,RT1P141C
	87-A30-072-080		C-TR,RT1P144C
	87-A30-202-080		C-TR,RT1P441C
	87-A30-162-010		FET,2SK2937
	87-A30-186-010		FET,2SK3053
	89-109-521-080		TR,2SA952K
	87-A30-374-010		TR,2SB1588A
	87-A30-375-010		TR,2SD2439A
	87-A30-190-080		TR,CC5551
	87-A30-240-080		TR,CSA1585BC
	87-A30-234-080		TR,CSC4115BC
	87-A30-047-080		TR,CSD655E
	87-026-245-080		TR,DTC114ES
	87-A30-097-010		TR,FN1016
	87-A30-098-010		TR,FP1016
	87-026-609-080		TR,KTA1266GR
	87-026-610-080		TR,KTC3198GR
	87-A30-198-080		TR,KTC3199GR
DIODE			
	87-A40-224-010		DIODE,GBU8DL
	87-A40-341-080		ZENER,MTZJ36A
	87-A40-004-080		ZENER,MTZJ16A
	87-A40-344-080		ZENER,MTZJ6.2C
	87-017-932-080		ZENER,MTZJ6.2B
	87-A40-002-080		ZENER,MTZJ5.1C
	87-A40-438-080		ZENER,MTZJ4.7A
	87-A40-234-080		ZENER,MTZJ5.6A
	87-017-149-080		ZENER,HZS6A2L
	87-A40-442-080		ZENER,MTZJ9.1A
	87-A40-269-080		C-DIODE,MC2836
	87-A40-270-080		C-DIODE,MC2838
	87-A40-313-080		C-DIODE,MC2840
	87-070-274-080		DIODE,1N4003 SEM
	87-020-465-080		DIODE,1SS133
	87-A40-488-080		DIODE,1SS244
	87-A40-646-010		DIODE,FMB-G16L
	87-A40-345-080		ZENER,MTZJ10C
	87-070-136-080		ZENER,MTZJ5.1B
MAIN C.B			
C1	87-012-369-080		C-CAP,S 0.047-50F
C2	87-012-369-080		C-CAP,S 0.047-50F
C3	87-012-368-080		C-CAP,S 0.1-50 F
C4	87-012-368-080		C-CAP,S 0.1-50 F
C5	87-012-368-080		C-CAP,S 0.1-50 F
C6	87-012-368-080		C-CAP,S 0.1-50 F
C9	87-A12-056-090		CAP,E 4700-35
C10	87-A12-056-090		CAP,E 4700-35
C21	87-010-385-080		CAP,ELECT 220-25V
C22	87-010-385-080		CAP,ELECT 220-25V
C23	87-010-247-080		CAP,ELECT 100-50V
C24	87-010-247-080		CAP,ELECT 100-50V
C25	87-010-430-080		CAP,ELECT 100-63
C26	87-010-263-080		CAP,ELECT 100-10V
C29	87-010-247-080		CAP,ELECT 100-50V
C30	87-010-235-080		CAP,E 470-16 SME
C31	87-010-235-080		CAP,E 470-16 SME
C61	87-010-260-080		CAP,ELECT 47-25V
C62	87-010-403-080		CAP,ELECT 3.3-50V
C91	87-010-401-080		CAP,ELECT 1-50V
C92	87-010-265-080		CAP,ELECT 33-16V
C93	87-010-380-080		CAP,ELECT 47-16V
C100	87-018-209-080		CAP,TC U 0.1-50 ZF
C103	87-010-401-080		CAP,ELECT 1-50V
C104	87-010-401-080		CAP,ELECT 1-50V
C105	87-010-322-080		C-CAP,S 100P-50 CH
C106	87-010-322-080		C-CAP,S 100P-50 CH
C112	87-010-187-080		C-CAP,S 5600P-50 KB
C113	87-010-187-080		C-CAP,S 5600P-50 KB
C115	87-010-196-080		C-CAP,S 0.1-25 ZF
C116	87-010-196-080		C-CAP,S 0.1-25 ZF
C120	87-010-405-080		CAP,ELECT 10-50V
C121	87-010-405-080		CAP,ELECT 10-50V
C137	87-010-322-080		C-CAP,S 100P-50 CH
C138	87-010-322-080		C-CAP,S 100P-50 CH
C148	87-010-197-080		CAP,CHIP 0.01 DM
C149	87-010-197-080		CAP,CHIP 0.01 DM
C150	87-010-197-080		CAP,CHIP 0.01 DM
C151	87-010-401-080		CAP,ELECT 1-50V
C152	87-010-401-080		CAP,ELECT 1-50V
C153	87-010-405-080		CAP,ELECT 10-50V
C154	87-010-405-080		CAP,ELECT 10-50V
C155	87-010-401-080		CAP,ELECT 1-50V
C156	87-010-401-080		CAP,ELECT 1-50V
C157	87-010-322-080		C-CAP,S 100P-50 CH
C158	87-010-322-080		C-CAP,S 100P-50 CH
C159	87-010-196-080		C-CAP,S 0.1-25 ZF
C160	87-010-196-080		C-CAP,S 0.1-25 ZF
C161	87-010-197-080		C-CAP,S 0.01-25 KB
C162	87-010-197-080		C-CAP,S 0.01-25 KB
C229	87-010-993-080		C-CAP,S 0.056-25 B
C230	87-010-993-080		C-CAP,S 0.056-25 B
C231	87-010-196-080		CHIP CAPACITOR,0.1-25
C232	87-010-196-080		CHIP CAPACITOR,0.1-25
C233	87-010-190-080		C-CAP,S 0.01-50 ZF
C234	87-010-190-080		C-CAP,S 0.01-50 ZF
C237	87-010-322-080		C-CAP,S 100P-50 CH
C238	87-010-322-080		C-CAP,S 100P-50 CH
C300	87-018-209-080		CAP,TC U 0.1-50 ZF

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C303	87-012-157-080		C-CAP,S 330P-50 CH
C304	87-012-157-080		C-CAP,S 330P-50 CH
C307	87-010-196-080		CHIP CAPACITOR,0.1-25
C311	87-010-198-080		CAP,CHIP 0.022
C312	87-010-198-080		CAP,CHIP 0.022
C315	87-010-178-080		CHIP CAP,1000P
C316	87-010-178-080		CHIP CAP,1000P
C317	87-012-142-080		CAP,S 0.33-16
C318	87-012-142-080		CAP,S 0.33-16
C319	87-012-141-080		CHIP-CAPACITOR,0.22-16F
C320	87-012-141-080		CHIP-CAPACITOR,0.22-16F
C321	87-012-141-080		CHIP-CAPACITOR,0.22-16F
C322	87-012-141-080		CHIP-CAPACITOR,0.22-16F
C324	87-010-260-080		CAP,ELECT 47-25V
C325	87-010-370-080		CAP,E 330-6.3 SME
C327	87-010-404-080		CAP,ELECT 4.7-50V
C328	87-010-404-080		CAP,ELECT 4.7-50V
C332	87-010-196-080		CHIP CAPACITOR,0.1-25
C335	87-010-401-080		CAP,ELECT 1-50V
C336	87-010-401-080		CAP,ELECT 1-50V
C337	87-010-196-080		CHIP CAPACITOR,0.1-25
C339	87-010-196-080		CHIP CAPACITOR,0.1-25
C340	87-010-196-080		CHIP CAPACITOR,0.1-25
C351	87-012-140-080		CAP,470P
C352	87-012-140-080		CAP,470P
C354	87-010-175-080		CAP,560P
C355	87-010-178-080		CHIP CAP,1000P
C356	87-010-260-080		CAP,ELECT 47-25V
C357	87-010-197-080		CAP,CHIP 0.01 DM
C358	87-010-183-080		C-CAP,S 2700P-50 B
C359	87-010-183-080		C-CAP,S 2700P-50 B
C360	87-010-183-080		C-CAP,S 2700P-50 B
C370	87-010-196-080		CHIP CAPACITOR,0.1-25
C371	87-010-181-080		C-CAP,S 1800P-50 KB
C372	87-010-181-080		C-CAP,S 1800P-50 KB
C373	87-010-180-080		C-CAP,S 1500P-50 KB
C374	87-010-180-080		C-CAP,S 1500P-50 KB
C375	87-010-545-080		CAP,ELECT 0.22-50V
C376	87-010-545-080		CAP,ELECT 0.22-50V
C378	87-010-196-080		CHIP CAPACITOR,0.1-25
C381	87-010-197-080		CAP,CHIP 0.01 DM
C382	87-010-318-080		C-CAP,S 47P-50 CH
C383	87-010-197-080		CAP,CHIP 0.01 DM
C384	87-010-402-080		CAP,ELECT 2.2-50V
C385	87-010-184-080		CHIP CAPACITOR,3300P(K)
C386	87-010-196-080		CHIP CAPACITOR,0.1-25
C388	87-012-156-080		C-CAP,S 220P-50 CH
C400	87-010-186-080		C-CAP,S 4700P-50 KB
C401	87-010-196-080		CHIP CAPACITOR,0.1-25
C402	87-010-260-080		CAP,ELECT 47-25V
C403	87-010-404-080		CAP,ELECT 4.7-50V
C404	87-010-404-080		CAP,ELECT 4.7-50V
C405	87-010-404-080		CAP,ELECT 4.7-50V
C406	87-010-404-080		CAP,ELECT 4.7-50V
C407	87-010-188-080		CAP,CHIP 6800P
C408	87-010-188-080		CAP,CHIP 6800P
C409	87-012-140-080		CAP,470P
C410	87-012-140-080		CAP,470P
C411	87-010-404-080		CAP,ELECT 4.7-50V
C412	87-010-404-080		CAP,ELECT 4.7-50V
C413	87-010-404-080		CAP,ELECT 4.7-50V
C414	87-010-404-080		CAP,ELECT 4.7-50V
C415	87-010-197-080		CAP,CHIP 0.01 DM
C416	87-010-197-080		CAP,CHIP 0.01 DM
C417	87-010-195-080		C-CAP,S 0.068-25 F
C418	87-010-956-080		CHIP-CAP,S 0.068-25B
C419	87-010-260-080		CAP,ELECT 47-25V
C421	87-012-140-080		CAP,470P
C422	87-012-140-080		CAP,470P
C451	87-010-401-080		CAP,ELECT 1-50V
C452	87-010-401-080		CAP,ELECT 1-50V
C454	87-010-402-080		CAP,ELECT 2.2-50V
C457	87-010-196-080		CHIP CAPACITOR,0.1-25
C458	87-010-196-080		CHIP CAPACITOR,0.1-25
C461	87-010-544-080		CAP,ELECT 0.1-50V
C471	87-010-402-080		CAP,ELECT 2.2-50V
C481	87-010-196-080		CHIP CAPACITOR,0.1-25
C500	87-010-186-080		C-CAP,S 4700P-50 KB
C501	87-A10-060-080		C-CAP,S 0.18-16 KB
C502	87-A10-060-080		C-CAP,S 0.18-16 KB
C503	87-012-154-080		C-CAP,S 150P-50 CH
C504	87-012-154-080		C-CAP,S 150P-50 CH
C505	87-012-145-080		C-CAP,S 270P-50 CH
C506	87-012-145-080		C-CAP,S 270P-50 CH
C507	87-010-183-080		C-CAP,S 2700P-50 KB
C509	87-010-196-080		C-CAP,S 0.1-25 ZF
C510	87-010-177-080		C-CAP,S 820P-50 SL
C511	87-010-177-080		C-CAP,S 820P-50 SL
C512	87-010-196-080		C-CAP,S 0.1-25 ZF
C513	87-010-374-080		CAP,E 47-10V
C514	87-010-196-080		C-CAP,S 0.1-25 ZF
C515	87-010-263-080		CAP,E 100-10V
C517	87-010-183-080		C-CAP,S 2700P-50 KB
C518	87-010-196-080		C-CAP,S 0.1-25 ZF
C519	87-010-196-080		C-CAP,S 0.1-25 ZF
C521	87-016-460-080		C-CAP,S 0.22-16 KB
C522	87-016-460-080		C-CAP,S 0.22-16 KB
C523	87-016-460-080		C-CAP,S 0.22-16 KB
C527	87-016-460-080		C-CAP,S 0.22-16 KB
C601	87-010-197-080		C-CAP,S 0.01-25 KB
C602	87-010-197-080		C-CAP,S 0.01-25 KB
C603	87-010-185-080		C-CAP,S 3900P-50 KB
C604	87-010-185-080		C-CAP,S 3900P-50 KB
C607	87-010-318-080		C-CAP,S 47P-50 CH
C608	87-010-318-080		C-CAP,S 47P-50 CH
C611	87-018-134-080		CAP,TC U 0.01-16 NY
C612	87-010-322-080		C-CAP,S 100P-50 CH
C613	87-016-081-080		C-CAP,S 0.1-16 RK
C614	87-016-081-080		C-CAP,S 0.1-16 RK
C617	87-A10-301-080		CAP,M 0.033-50 J
C618	87-A10-301-080		CAP,M 0.033-50 J
C619	87-010-185-080		C-CAP,S 3900P-50 B
C620	87-010-185-080		C-CAP,S 3900P-50 B
C621	87-010-401-080		CAP,ELECT 1-50V
C622	87-010-401-080		CAP,ELECT 1-50V
C627	87-010-196-080		CHIP CAPACITOR,0.1-25
C628	87-010-322-080		C-CAP,S 100P-50 CH
C629	87-010-405-080		CAP,ELECT 10-50V
C630	87-010-213-080		C-CAP,S 0.015-50 B
C631	87-010-992-080		C-CAP,S 0.047-25 B
C632	87-010-263-080		CAP,ELECT 100-10V
C633	87-010-263-080		CAP,ELECT 100-10V
C634	87-010-196-080		CHIP CAPACITOR,0.1-25
C635	87-010-196-080		CHIP CAPACITOR,0.1-25
C636	87-010-992-080		C-CAP,S 0.047-25 B
C637	87-010-183-080		C-CAP,S 2700P-50 B
C640	87-010-314-080		C-CAP,S 22P-50V
C641	87-010-196-080		CHIP CAPACITOR,0.1-25
C642	87-010-196-080		CHIP CAPACITOR,0.1-25
C643	87-010-196-080		CHIP CAPACITOR,0.1-25
C644	87-010-196-080		CHIP CAPACITOR,0.1-25
C645	87-010-196-080		CHIP CAPACITOR,0.1-25
C646	87-010-196-080		CHIP CAPACITOR,0.1-25
C677	87-010-196-080		CHIP CAPACITOR,0.1-25
C678	87-010-196-080		CHIP CAPACITOR,0.1-25
C680	87-010-196-080		CHIP CAPACITOR,0.1-25
C681	87-010-197-080		CAP,CHIP 0.01 DM
C731	87-010-498-080		CAP,ELECT 10-16V
C732	87-010-196-080		CHIP CAPACITOR,0.1-25
C733	87-010-196-080		CHIP CAPACITOR,0.1-25

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C734	87-012-156-080		C-CAP,S 220P-50 CH
C735	87-010-178-080		CHIP CAP,1000P
C736	87-010-196-080		CHIP CAPACITOR,0.1-25
C740	87-010-322-080		C-CAP,S 100P-50 CH
C741	87-010-178-080		CHIP CAP,1000P
C801	87-010-176-080		C-CAP,S 680P-50 SL
C802	87-010-176-080		C-CAP,S 680P-50 SL
C803	87-010-958-080		CHIP-CAP,S 0.01-25BJ
C804	87-010-958-080		CHIP-CAP,S 0.01-25BJ
C805	87-010-958-080		CHIP-CAP,S 0.01-25BJ
C806	87-010-958-080		CHIP-CAP,S 0.01-25BJ
C807	87-010-401-080		CAP,ELECT 1-50V
C808	87-010-401-080		CAP,ELECT 1-50V
C809	87-010-196-080		CHIP CAPACITOR,0.1-25
C810	87-010-112-080		CAP,ELECT 100-16V
C811	87-010-070-080		CAP,ELECT 0.47-50V
C812	87-010-070-080		CAP,ELECT 0.47-50V
C813	87-010-401-080		CAP,ELECT 1-50V
C814	87-010-494-080		CAP,ELECT 1-50V M 5L
C815	87-010-492-080		CAP,ELECT 0.33-50V
C816	87-010-492-080		CAP,ELECT 0.33-50V
C817	87-010-221-080		CAP,ELECT 470-10V
C818	87-A10-891-080		CAP,E 4.7-25 SME(K)
C819	87-A10-800-080		C-CAP,S 6800P-16 J B CM
C820	87-010-374-080		CAP,ELECT 47-10V
C821	87-010-196-080		CHIP CAPACITOR,0.1-25
C822	87-A10-804-080		C-CAP,S 0.1-25 J B
C824	87-010-374-080		CAP,ELECT 47-10V
C825	87-010-196-080		CHIP CAPACITOR,0.1-25
C829	87-010-544-080		CAP,ELECT 0.1-50V
C830	87-016-492-080		C-CAP,S 0.33-16 FZ
C831	87-010-971-080		C-CAP,S 4700P-50 B J
C832	87-012-349-080		C-CAP,S 1000P-50 CH
C833	87-A10-793-080		C-CAP,S 0.12-16 K B
C834	87-A11-182-080		C-CAP,S 0.27-16 J B
C835	87-A11-182-080		C-CAP,S 0.27-16 J B
C836	87-A11-183-080		C-CAP,S 0.12-16 J B
C837	87-010-971-080		C-CAP,S 4700P-50 B J
C838	87-012-349-080		C-CAP,S 1000P-50 CH
C839	87-010-805-080		CAP,S 1-16
C840	87-010-401-080		CAP,ELECT 1-50V
C841	87-A10-799-080		C-CAP,S 5600P-16 J B CM
C842	87-A10-802-080		C-CAP,S 0.047-16 J B CM
C843	87-A10-229-080		C-CAP,S 0.68-10 K W5
C844	87-012-393-080		C-CAP,S 0.22-16 R K
C845	87-012-393-080		C-CAP,S 0.22-16 R K
C846	87-010-404-080		CAP,ELECT 4.7-50V
C847	87-010-404-080		CAP,ELECT 4.7-50V
C848	87-012-393-080		C-CAP,S 0.22-16 R K
C849	87-012-393-080		C-CAP,S 0.22-16 R K
C850	87-016-081-080		C-CAP,S 0.1-16 RK
C851	87-A10-802-080		C-CAP,S 0.047-16 J B CM
C852	87-A10-802-080		C-CAP,S 0.047-16 J B CM
C853	87-016-081-080		C-CAP,S 0.1-16 RK
C854	87-016-081-080		C-CAP,S 0.1-16 RK
C855	87-A10-801-080		C-CAP,S 0.022-16 J B CM
C856	87-A10-801-080		C-CAP,S 0.022-16 J B CM
C857	87-016-081-080		C-CAP,S 0.1-16 RK
C859	87-010-402-080		CAP,ELECT 2.2-50V
C861	87-010-196-080		CHIP CAPACITOR,0.1-25
C863	87-010-196-080		CHIP CAPACITOR,0.1-25
C867	87-016-492-080		C-CAP,S 0.33-16 FZ
C868	87-A10-060-080		C-CAP,S 0.18-16 K B
C878	87-010-404-080		CAP,ELECT 4.7-50V
C879	87-010-179-080		CAP,CHIP S B1200P
C880	87-010-179-080		CAP,CHIP S B1200P
C881	87-010-179-080		CAP,CHIP S B1200P
C882	87-010-179-080		CAP,CHIP S B1200P
C890	87-010-993-080		C-CAP,S 0.056-25 B
C891	87-010-993-080		C-CAP,S 0.056-25 B
C892	87-010-993-080		C-CAP,S 0.056-25 B
C893	87-010-196-080		CHIP CAPACITOR,0.1-25
C894	87-010-196-080		CHIP CAPACITOR,0.1-25
C899	87-010-196-080		CHIP CAPACITOR,0.1-25
C902	87-010-196-080		CHIP CAPACITOR,0.1-25
C931	87-016-299-080		CAP,E 10-100 SME
C932	87-010-196-080		CHIP CAPACITOR,0.1-25
C933	87-016-299-080		CAP,E 10-100 SME
CN1	87-A60-739-010		CONN,13P JL-BT
CN2	87-A60-739-010		CONN,13P JL-BT
CN91	87-A60-619-010		CONN,2P V 2MM JMT
CN92	87-A60-619-010		CONN,2P V 2MM JMT
CN351	87-A60-625-010		CONN,8P V 2MM JMT
CN601	87-A60-138-010		CONN,13P V FE
CN602	87-A60-131-010		CONN,6P V FE
CN603	87-A60-142-010		CONN,17P V FE
CN604	87-099-570-010		CONN,13P V TUC-P13P-B1
CN606	87-A60-621-010		CONN,4P V 2MM JMT
CN607	87-A60-140-010		CONN,15P V FE
CN608	87-A60-621-010		CONN,4P V 2MM JMT
CNA1	8A-NF8-653-010		CONN ASSY,9P TID-A(480)
CNA3	8A-MTM-647-010		CONN ASSY,2P VH-SUPPLY
CNA401	8A-MTM-646-010		CONN ASSY,10P LOWER-I/O
CNA501	8A-MHM-607-010		CONN ASSY,2P K-CON
CNA601	8A-MTM-650-010		CONN ASSY,4P DISP-IN
CNA802	8Z-NFU-631-010		CONN ASSY,2P V DA
FFC602	88-906-701-110		FF-CABLE,6P 1.25 700MM
J202	87-A60-929-010		JACK,DIA6.3 BLK ST W/S TAI
J205	87-A60-751-010		JACK,PIN 2P R/W BLUE
J206	87-A60-878-010		JACK,PIN 3P W/R/O HSP-243V4
J601	87-099-625-010		JACK,PIN 4P,RVS (KM)
J831	87-A61-069-010		JACK,PIN 6P R/W,R/W, O/B MSC
L201	87-003-383-010		COIL,1UH-S
L202	87-003-383-010		COIL,1UH-S
L301	87-A50-049-010		COIL,TRAP 85K(COI)
L302	87-A50-049-010		COIL,TRAP 85K(COI)
L351	87-007-342-010		COIL,OSC 85K BIAS
R143	87-A00-441-050		RES,270-1/2W J RP
R144	87-A00-441-050		RES,270-1/2W J RP
R145	87-A00-441-050		RES,270-1/2W J RP
R146	87-A00-441-050		RES,270-1/2W J RP
R653	87-010-805-080		C-CAP,S 1-16 ZF
R654	87-010-805-080		C-CAP,S 1-16 ZF
R807	87-022-214-080		C-RES,S 100K-1/10WF
SFR303	87-024-355-080		SFR,33K DIA6 H
SFR304	87-024-355-080		SFR,33K DIA6 H
SFR305	87-024-356-080		SFR,47K DIA6 H
SFR306	87-024-356-080		SFR,47K DIA6 H
SFR351	87-024-356-080		SFR,47K DIA6 H
SFR352	87-024-356-080		SFR,47K DIA6 H
WH1	87-A90-510-010		HLDR,WIRE 2.5-9P

FRONT C.B

C101	87-010-263-040		CAP,E 100-10
C102	87-010-263-040		CAP,E 100-10
C103	87-010-178-080		CHIP CAP,1000P
C105	87-010-316-080		C-CAP,S 33P-50 CH
C106	87-010-313-080		C-CAP,S 18P-50J CH
C107	87-012-157-080		C-CAP,S 330P-50 CH
C108	87-010-498-040		CAP,E 10-16
C109	87-010-805-080		C-CAP,S 1-16 ZF
C112	87-016-081-080		C-CAP,S 0.1-16 RK
C113	87-A10-189-040		CAP,E 220-10
C114	87-015-785-080		C-CAP,0.1-25 ZF
C115	87-010-198-080		CAP,CHIP 0.022
C116	87-010-400-040		CAP,E 0.47-50
C117	87-010-498-040		CAP,E 10-16
C118	87-A10-189-040		CAP,E 220-10
C119	87-010-196-080		CHIP CAPACITOR,0.1-25

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C121	87-012-368-080		C-CAP,S 0.1-50 F
C122	87-010-178-080		CHIP CAP,1000P
C123	87-010-196-080		CHIP CAPACITOR,0.1-25
C124	87-010-196-080		CHIP CAPACITOR,0.1-25
C125	87-010-196-080		CHIP CAPACITOR,0.1-25
C126	87-010-196-080		CHIP CAPACITOR,0.1-25
C127	87-010-196-080		CHIP CAPACITOR,0.1-25
C130	87-010-196-080		CHIP CAPACITOR,0.1-25
C202	87-010-196-080		CHIP CAPACITOR,0.1-25
C203	87-010-406-040		CAP,E 22-50
C221	87-010-421-040		CAP,E 4.7-50 5L
C222	87-010-421-040		CAP,E 4.7-50 5L
C223	87-A10-797-040		CAP,E 47-35 M 5L SRM
C224	87-012-369-080		C-CAP,S 0.047-50F
C251	87-010-244-040		CAP,E 22-16
C252	87-012-365-080		C-CAP,S 0.027-25 KB
C253	87-010-193-080		C-CAP,S 0.033-25 ZF
C261	87-012-140-080		C-CAP,S 470P-50 J CH
C262	87-012-140-080		C-CAP,S 470P-50 J CH
C263	87-012-140-080		C-CAP,S 470P-50 J CH
C264	87-012-140-080		C-CAP,S 470P-50 J CH
C265	87-012-140-080		C-CAP,S 470P-50 J CH
C266	87-012-140-080		C-CAP,S 470P-50 J CH
C267	87-012-140-080		C-CAP,S 470P-50 J CH
C268	87-012-140-080		C-CAP,S 470P-50 J CH
C269	87-012-140-080		C-CAP,S 470P-50 J CH
C270	87-012-140-080		C-CAP,S 470P-50 J CH
C271	87-012-140-080		C-CAP,S 470P-50 J CH
C272	87-012-140-080		C-CAP,S 470P-50 J CH
C273	87-012-140-080		C-CAP,S 470P-50 J CH
C274	87-012-140-080		C-CAP,S 470P-50 J CH
C275	87-012-140-080		C-CAP,S 470P-50 J CH
C276	87-012-140-080		C-CAP,S 470P-50 J CH
C281	87-016-044-040		CAP,E 100-16 GAS
C381	87-018-209-080		CAP,TC U 0.1-50 ZF
C382	87-012-158-080		C-CAP,S 390P-50 CH
C383	87-010-196-080		CHIP CAPACITOR,0.1-25
C384	87-010-196-080		CHIP CAPACITOR,0.1-25
C385	87-010-196-080		CHIP CAPACITOR,0.1-25
C386	87-010-196-080		CHIP CAPACITOR,0.1-25
C387	87-010-196-080		CHIP CAPACITOR,0.1-25
C651	87-010-213-080		C-CAP,S 0.015-50 B
C652	87-010-183-080		C-CAP,S 2700P-50 B
C701	87-010-196-080		CHIP CAPACITOR,0.1-25
C702	87-010-196-080		CHIP CAPACITOR,0.1-25
C703	87-010-071-040		CAP,E 1-50 M 5L SRE
C704	87-010-071-040		CAP,E 1-50 M 5L SRE
C705	87-010-498-040		CAP,E 10-16
C706	87-010-498-040		CAP,E 10-16
C721	87-010-196-080		CHIP CAPACITOR,0.1-25
C722	87-010-196-080		CHIP CAPACITOR,0.1-25
C723	87-010-071-040		CAP,E 1-50 M 5L SRE
C724	87-010-071-040		CAP,E 1-50 M 5L SRE
C725	87-010-498-040		CAP,E 10-16
C726	87-010-498-040		CAP,E 10-16
C727	87-010-263-040		CAP,E 100-10
C728	87-010-196-080		CHIP CAPACITOR,0.1-25
C741	87-010-196-080		CHIP CAPACITOR,0.1-25
C742	87-010-196-080		CHIP CAPACITOR,0.1-25
C743	87-010-071-040		CAP,E 1-50 M 5L SRE
C744	87-010-071-040		CAP,E 1-50 M 5L SRE
C745	87-010-498-040		CAP,E 10-16
C746	87-010-498-040		CAP,E 10-16
CN101	87-A60-142-010		CONN,17P V FE
CN102	87-A60-138-010		CONN,13P V FE
CN201	87-A60-140-010		CONN,15P V FE
CN501	87-A60-586-010		CONN,4P V FE
CN502	87-A60-673-010		CONN,9P H 2MM JMT
CN901	87-099-015-010		CONN,13P V BLK 6216
CNA101	8A-MTM-636-010		CONN ASSY,4P DISP
CNA502	8A-MTM-645-110		CONN ASSY,9P DECK-MECHA
FFC101	88-917-331-110		FF-CABLE,17P 1.25 330MM
FFC102	88-913-301-110		FF-CABLE,13P 1.25
FFC201	88-915-161-110		FF-CABLE,15P 1.25
FFC501	88-904-401-110		FF-CABLE,4P 1.25
FFC901	88-913-301-110		FF-CABLE,13P 1.25
FL201	8A-MTM-605-010		FL,BJ733GK
FL202	8A-MTM-606-010		FL,BJ734GK
L101	87-A50-333-010		COIL,OSC 9.43MHZ
L250	8A-MTM-607-010		COIL,OSC-FL 20KHZ

OPERATE C.B

C181	87-012-157-080		C-CAP,S 330P-50 CH
C183	87-010-197-080		CAP,CHIP 0.01 DM
C184	87-010-182-080		C-CAP,S 2200P-50 B
C185	87-010-197-080		CAP,CHIP 0.01 DM
C186	87-010-182-080		C-CAP,S 2200P-50 B
C401	87-010-196-080		CHIP CAPACITOR,0.1-25
C402	87-010-196-080		CHIP CAPACITOR,0.1-25
C403	87-010-319-080		C-CAP,S 56P-50 CH
C404	87-010-319-080		C-CAP,S 56P-50 CH
C405	87-010-319-080		C-CAP,S 56P-50 CH
C406	87-010-322-080		C-CAP,S 100P-50 CH
C407	87-010-322-080		C-CAP,S 100P-50 CH
C408	87-010-322-080		C-CAP,S 100P-50 CH
C409	87-A11-733-080		C-CAP,S 1-16 ZF
C601	87-010-186-080		CAP,CHIP 4700P
C602	87-010-498-040		CAP,E 10-16
C603	87-010-320-080		CHIP CAP,68P
C604	87-010-492-040		CAP,E 0.33-50 GAS
C606	87-016-044-040		CAP,E 100-16 GAS
C607	87-010-196-080		CHIP CAPACITOR,0.1-25
C608	87-010-178-080		CHIP CAP,1000P
C609	87-010-178-080		CHIP CAP,1000P
CN202	87-A60-163-010		CONN,15P H FE
CN402	87-099-564-010		CONN,4P TUC-P4P-B1
CN403	87-099-564-010		CONN,4P TUC-P4P-B1
CN404	87-099-564-010		CONN,4P TUC-P4P-B1
CN405	87-099-564-010		CONN,4P TUC-P4P-B1
CNA301	88-802-021-620		CONN ASSY,2P
CNA601	88-805-031-090		CONN ASSY,3P
CNA602	8A-MTM-655-010		CONN ASSY,4P H DS-M1
LED293	87-A40-317-080		LED,SLR-342VCT31 RED
LED401	87-A40-317-080		LED,SLR-342VCT31 RED
LED402	87-A40-317-080		LED,SLR-342VCT31 RED
LED403	87-A40-317-080		LED,SLR-342VCT31 RED
LED404	87-A40-317-080		LED,SLR-342VCT31 RED
LED405	87-A40-317-080		LED,SLR-342VCT31 RED
LED416	87-A40-496-040		LED,SLR-342PCT31 GRN
LED417	87-A40-496-040		LED,SLR-342PCT31 GRN
LED418	87-A40-496-040		LED,SLR-342PCT31 GRN
LED419	87-A40-496-040		LED,SLR-342PCT31 GRN
LED420	87-A40-496-040		LED,SLR-342PCT31 GRN
LED421	87-A40-496-040		LED,SLR-342PCT31 GRN
S101	87-A91-589-010		SW,RTRY RE0121PVJOG
S102	87-A91-590-010		SW,RTRY RE0121PVVOL
S301	87-A90-095-080		SW,TACT EVQ11G04M
S302	87-A90-095-080		SW,TACT EVQ11G04M
S303	87-A90-095-080		SW,TACT EVQ11G04M
S304	87-A90-095-080		SW,TACT EVQ11G04M
S305	87-A90-095-080		SW,TACT EVQ11G04M
S306	87-A90-095-080		SW,TACT EVQ11G04M
S307	87-A90-095-080		SW,TACT EVQ11G04M
S308	87-A90-095-080		SW,TACT EVQ11G04M
S309	87-A90-095-080		SW,TACT EVQ11G04M
S310	87-A90-095-080		SW,TACT EVQ11G04M
S311	87-A90-095-080		SW,TACT EVQ11G04M
S321	87-A90-095-080		SW,TACT EVQ11G04M
S322	87-A90-095-080		SW,TACT EVQ11G04M

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
S323	87-A90-095-080		SW,TACT EVQ11G04M
S324	87-A90-095-080		SW,TACT EVQ11G04M
S325	87-A90-095-080		SW,TACT EVQ11G04M
S326	87-A90-095-080		SW,TACT EVQ11G04M
S327	87-A90-095-080		SW,TACT EVQ11G04M
S328	87-A90-095-080		SW,TACT EVQ11G04M
S329	87-A90-095-080		SW,TACT EVQ11G04M
S330	87-A90-095-080		SW,TACT EVQ11G04M
S331	87-A90-095-080		SW,TACT EVQ11G04M
S332	87-A90-095-080		SW,TACT EVQ11G04M
S333	87-A90-095-080		SW,TACT EVQ11G04M
S334	87-A90-095-080		SW,TACT EVQ11G04M
S341	87-A90-095-080		SW,TACT EVQ11G04M
S342	87-A90-095-080		SW,TACT EVQ11G04M
S343	87-A90-095-080		SW,TACT EVQ11G04M
S344	87-A90-095-080		SW,TACT EVQ11G04M
S345	87-A90-095-080		SW,TACT EVQ11G04M
S346	87-A90-095-080		SW,TACT EVQ11G04M
S347	87-A90-095-080		SW,TACT EVQ11G04M
S349	87-A90-095-080		SW,TACT EVQ11G04M
S350	87-A90-095-080		SW,TACT EVQ11G04M
S351	87-A90-095-080		SW,TACT EVQ11G04M
S356	87-A90-095-080		SW,TACT EVQ11G04M
KEY C.B			
CNA302	87-A60-619-010		CONN,2P V 2MM JMT
S352	87-A90-095-080		SW,TACT EVQ11G04M
S353	87-A90-095-080		SW,TACT EVQ11G04M
S354	87-A90-095-080		SW,TACT EVQ11G04M
S355	87-A90-095-080		SW,TACT EVQ11G04M
LOW AMP C.B			
C28	87-010-263-080		CAP,ELECT 100-10V
C29	87-010-247-080		CAP,ELECT 100-50V
C101	87-016-299-080		CAP,E 10-100 SME
C102	87-010-196-080		CHIP CAPACITOR,0.1-25
C103	87-016-299-080		CAP,E 10-100 SME
C125	87-012-368-080		C-CAP,S 0.1-50 F
C126	87-012-368-080		C-CAP,S 0.1-50 F
C127	87-012-368-080		C-CAP,S 0.1-50 F
C128	87-012-368-080		C-CAP,S 0.1-50 F
C129	87-010-191-080		C-CAP,S 0.015-50 F
C130	87-010-191-080		C-CAP,S 0.015-50 F
C131	87-010-196-080		CHIP CAPACITOR,0.1-25
C132	87-010-196-080		CHIP CAPACITOR,0.1-25
C133	87-012-368-080		C-CAP,S 0.1-50 F
C134	87-012-368-080		C-CAP,S 0.1-50 ZF
C199	87-018-209-080		CAP,TC U 0.1-50 ZF
C203	87-010-260-080		CAP,ELECT 47-25V
C204	87-010-260-080		CAP,ELECT 47-25V
C207	87-010-260-080		CAP,ELECT 47-25V
C208	87-010-260-080		CAP,ELECT 47-25V
C209	87-010-322-080		C-CAP,S 100P-50 CH
C210	87-010-322-080		C-CAP,S 100P-50 CH
C211	87-010-260-080		CAP,ELECT 47-25V
C212	87-010-260-080		CAP,ELECT 47-25V
C213	87-A10-812-080		C-CAP,S 220P-200 J CH
C214	87-A10-812-080		C-CAP,S 220P-200 J CH
C215	87-010-322-080		C-CAP,S 100P-50 CH
C216	87-010-322-080		C-CAP,S 100P-50 CH
C221	87-010-197-080		CAP,CHIP 0.01 DM
C222	87-010-197-080		CAP,CHIP 0.01 DM
C251	87-010-235-080		CAP,E 470-16 SME
C297	87-010-186-080		C-CAP,S 4700P-50 KB
C299	87-010-197-080		CAP,CHIP 0.01 DM
CN102	87-099-410-010		CONN,10P V WHT EH
CNA101	8A-MTM-638-010		CONN ASSY,7P LOW SUPPLY
J201	87-A61-167-010		TERMINAL,SP 4P LTS0420-1002
L101	87-003-383-010		COIL,1UH-S
L102	87-003-383-010		COIL,1UH-S
R227	87-A00-669-080		RES,M/F 0.22-2WJ RA
R228	87-A00-669-080		RES,M/F 0.22-2WJ RA
R230	87-A00-669-080		RES,M/F 0.22-2WJ RA
R239	87-A00-669-080		RES,M/F 0.22-2WJ RA
R240	87-A00-669-080		RES,M/F 0.22-2WJ RA
R241	87-A00-669-080		RES,M/F 0.22-2WJ RA
R253	87-A00-669-080		RES,M/F 0.22-2WJ RA
R254	87-A00-669-080		RES,M/F 0.22-2WJ RA
TH201	87-A91-042-080		C-THMS,100K 55001
TH202	87-A91-042-080		C-THMS,100K 55001
5CH AMP C.B			
C403	87-010-405-080		CAP,ELECT 10-50V
C404	87-010-405-080		CAP,ELECT 10-50V
C405	87-010-186-080		CAP,CHIP 4700P
C406	87-010-186-080		CAP,CHIP 4700P
C407	87-010-405-080		CAP,ELECT 10-50V
C408	87-010-405-080		CAP,ELECT 10-50V
C409	87-010-322-080		C-CAP,S 100P-50 CH
C410	87-010-322-080		C-CAP,S 100P-50 CH
C411	87-010-260-080		CAP,ELECT 47-25V
C412	87-010-260-080		CAP,ELECT 47-25V
C413	87-A10-516-080		C-CAP,S 100P-200 J CH
C414	87-A10-516-080		C-CAP,S 100P-200 J CH
C421	87-010-182-080		C-CAP,S 2200P-50 KB
C422	87-010-182-080		C-CAP,S 2200P-50 KB
C423	87-012-368-080		C-CAP,S 0.1-50 ZF
C424	87-012-368-080		C-CAP,S 0.1-50 ZF
C425	87-012-368-080		C-CAP,S 0.1-50 ZF
C426	87-012-368-080		C-CAP,S 0.1-50 ZF
C451	87-010-235-080		CAP,E 470-16 SME
C497	87-010-186-080		C-CAP,S 4700P-50 KB
C499	87-010-182-080		C-CAP,S 2200P-50 KB
C603	87-010-405-080		CAP,ELECT 10-50V
C605	87-010-186-080		CAP,CHIP 4700P
C607	87-010-405-080		CAP,ELECT 10-50V
C609	87-010-322-080		C-CAP,S 100P-50 CH
C611	87-A10-516-080		C-CAP,S 100P-200 J CH
C613	87-010-260-080		CAP,ELECT 47-25V
C615	87-010-189-080		C-CAP,S 8200P-50 KB
C621	87-010-182-080		C-CAP,S 2200P-50 KB
C623	87-012-368-080		C-CAP,S 0.1-50 ZF
C625	87-012-368-080		C-CAP,S 0.1-50 ZF
C703	87-010-405-080		CAP,ELECT 10-50V
C704	87-010-405-080		CAP,ELECT 10-50V
C705	87-010-186-080		CAP,CHIP 4700P
C706	87-010-186-080		CAP,CHIP 4700P
C707	87-010-405-080		CAP,ELECT 10-50V
C708	87-010-405-080		CAP,ELECT 10-50V
C709	87-010-322-080		C-CAP,S 100P-50 CH
C710	87-010-322-080		C-CAP,S 100P-50 CH
C711	87-A10-516-080		C-CAP,S 100P-200 J CH
C712	87-A10-516-080		C-CAP,S 100P-200 J CH
C713	87-010-260-080		CAP,ELECT 47-25V
C714	87-010-260-080		CAP,ELECT 47-25V
C715	87-010-187-080		C-CAP,S 5600P-50 KB
C716	87-010-187-080		C-CAP,S 5600P-50 KB
C720	87-010-182-080		C-CAP,S 2200P-50 KB
C721	87-010-182-080		C-CAP,S 2200P-50 KB
C723	87-012-368-080		C-CAP,S 0.1-50 ZF
C724	87-012-368-080		C-CAP,S 0.1-50 ZF
C725	87-012-368-080		C-CAP,S 0.1-50 ZF
C726	87-012-368-080		C-CAP,S 0.1-50 ZF
CN201	87-A60-727-010		CONN,13P JL-R
CN202	87-A60-727-010		CONN,13P JL-R
L601	87-003-383-010		COIL,1UH K
L701	87-003-383-010		COIL,1UH K

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
L702	87-003-383-010		COIL,1UH K
R427	87-A00-262-080		RES,M/F 0.15-2W J
R428	87-A00-262-080		RES,M/F 0.15-2W J
R439	87-A00-262-080		RES,M/F 0.15-2W J
R440	87-A00-262-080		RES,M/F 0.15-2W J
R627	87-A00-262-080		RES,M/F 0.15-2W J
R641	87-A00-262-080		RES,M/F 0.15-2W J
R727	87-A00-262-080		RES,M/F 0.15-2W J
R728	87-A00-262-080		RES,M/F 0.15-2W J
R739	87-A00-262-080		RES,M/F 0.15-2W J
R740	87-A00-262-080		RES,M/F 0.15-2W J
TH401	87-A91-042-080		C-THMS,100K 55001
TH402	87-A91-042-080		C-THMS,100K 55001
TH601	87-A91-042-080		C-THMS,100K 55001
TH701	87-A91-042-080		C-THMS,100K 55001
TH702	87-A91-042-080		C-THMS,100K 55001

VIDEO I/O C.B

C901	87-010-406-040		CAP,ELECT 22-50
C902	87-010-406-040		CAP,ELECT 22-50
C903	87-010-406-080		CAP,ELECT 22-50
C904	87-010-406-080		CAP,ELECT 22-50
C905	87-010-406-080		CAP,ELECT 22-50
C906	87-010-260-080		CAP,ELECT 47-25V
C907	87-010-196-080		CHIP CAPACITOR,0.1-25
C908	87-010-387-080		CAP,E 470-25 SME
C909	87-010-371-040		CAP,ELECT 470-6.3V
C910	87-010-371-080		CAP,ELECT 470-6.3V
C911	87-010-371-040		CAP,ELECT 470-6.3V
C912	87-010-196-080		CHIP CAPACITOR,0.1-25
C913	87-010-196-080		CHIP CAPACITOR,0.1-25
C916	87-010-196-080		CHIP CAPACITOR,0.1-25
C917	87-010-196-080		CHIP CAPACITOR,0.1-25
C918	87-010-196-080		CHIP CAPACITOR,0.1-25
C919	87-010-318-080		C-CAP,S 47P-50 J CH
C920	87-010-196-080		CHIP CAPACITOR,0.1-25
CN902	87-A60-132-010		CONN,7P V FE
CN904	87-A60-140-010		CONN,15P V FE
CN905	87-A60-595-010		CONN,17P TUC-P17P-B1
FFC901	88-905-281-110		FF-CABLE,5P 1.25 280MM
FFC904	88-915-751-110		FF-CABLE,15P 1.25 750MM
FFC907	88-914-121-110		FF-CABLE,14P 1.25 750MM
L901	87-003-152-080		COIL,100UH
R905	87-010-317-080		C-CAP,S 39P-50 CH

VIDEO JACK C.B

C914	87-010-196-080		CHIP CAPACITOR,0.1-25
C915	87-010-196-080		CHIP CAPACITOR,0.1-25
CN906	87-A60-594-010		CONN,17P TUC-P17X-B1
J901	87-A61-236-010		JACK,PIN 3P Y/R/W
J902	87-A61-236-010		JACK,PIN 3P Y/R/W
J903	87-A61-236-010		JACK,PIN 3P Y/R/W
J904	87-A61-236-010		JACK,PIN 3P Y/R/W
J905	87-A61-236-010		JACK,PIN 3P Y/R/W

VIDEO-3 C.B

C951	87-010-196-080		CHIP CAPACITOR,0.1-25
C952	87-010-196-080		CHIP CAPACITOR,0.1-25
C953	87-010-188-080		CAP,CHIP 6800P
C954	87-010-188-080		CAP,CHIP 6800P
CN901	87-A60-130-010		CONN,5P V FE
FB951	83-XM1-617-080		C-COIL,BK2125HM601
FFC655	88-905-201-110		FF-CABLE,5P 1.25
J951	87-A61-180-010		JACK,PIN 3P Y/W/R W/O SW G

CONNECT C.B

C691	87-010-196-080		CHIP CAPACITOR,0.1-25
C692	87-010-196-080		CHIP CAPACITOR,0.1-25
CN651	87-A60-131-010		CONN,6P V FE
CN652	87-A60-131-010		CONN,6P V FE
CN653	87-A60-138-010		CONN,13P V FE
CN654	87-A60-138-010		CONN,13P V FE
CN655	87-A60-130-010		CONN,5P V FE
CN657	87-A60-619-010		CONN,2P V 2MM JMT
CN658	87-A60-132-010		CONN,7P V FE
FFC651	88-906-231-110		FF-CABLE,6P 1.25 230MM
FFC654	88-913-221-110		FF-CABLE,13P 1.25 220MM

TUNER C.B

C701	87-010-381-080		CAP,ELECT 330-16V
C702	87-010-404-080		CAP,ELECT 4.7-50V
C703	87-012-286-020		CAP,U 0.01-25
C704	87-012-286-020		CAP,U 0.01-25
C705	87-A10-592-020		C-CAP,S 0.015-50 J B
C706	87-A10-592-020		C-CAP,S 0.015-50 J B
C709	87-012-195-020		C-CAP,U 100P-50CH
C711	87-010-260-080		CAP,ELECT 47-25V
C712	87-010-831-020		C-CAP,U,0.1-16F
C714	87-012-286-020		CAP,U 0.01-25
C717	87-012-286-020		CAP,U 0.01-25
C719	87-012-286-020		CAP,U 0.01-25
C720	87-012-195-020		C-CAP,U 100P-50CH
C721	87-012-176-020		CAP,15P
C722	87-012-176-020		CAP,15P
C723	87-012-274-020		CHIP CAP,U 1000P-50B
C725	87-012-274-020		CHIP CAP,U 1000P-50B
C727	87-010-196-020		CHIP CAPACITOR,0.1-25
C728	87-010-248-080		CAP,ELECT 220-10V
C729	87-012-274-020		CHIP CAP,U 1000P-50B
C731	87-012-286-020		CAP,U 0.01-25
C733	87-010-987-080		C-CAP,S 1500P-50 CH
C734	87-010-987-080		C-CAP,S 1500P-50 CH
C735	87-010-987-080		C-CAP,S 1500P-50 CH
C736	87-010-987-080		C-CAP,S 1500P-50 CH
C737	87-A10-592-020		C-CAP,S 0.015-50 J B
C738	87-A10-592-020		C-CAP,S 0.015-50 J B
C751	87-012-365-020		C-CAP,S 0.027-25VBK
C752	87-012-365-020		C-CAP,S 0.027-25VBK
C756	87-012-286-020		CAP,U 0.01-25
C757	87-012-188-020		C-CAP,U 47P-50 CH
C758	87-012-167-020		C-CAP,U 5P-50 CH
C763	87-010-829-020		CAP,U 0.047-16
C764	87-012-337-020		C-CAP,U 56P-50 CH
C765	87-012-286-020		CAP,U 0.01-25
C768	87-012-286-020		CAP,U 0.01-25
C769	87-010-260-080		CAP,ELECT 47-25V
C770	87-010-829-020		CAP,U 0.047-16
C771	87-010-383-080		CAP,ELECT 33-25V
C772	87-010-829-020		CAP,U 0.047-16
C773	87-010-196-020		CHIP CAPACITOR,0.1-25
C774	87-010-263-080		CAP,ELECT 100-10V
C775	87-010-404-080		CAP,ELECT 4.7-50V
C776	87-012-286-020		CAP,U 0.01-25
C777	87-010-400-080		CAP,ELECT 0.47-50V
C778	87-010-401-080		CAP,ELECT 1-50V
C779	87-010-401-080		CAP,ELECT 1-50V
C780	87-010-196-020		CHIP CAPACITOR,0.1-25
C781	87-010-405-080		CAP,ELECT 10-50V
C782	87-010-405-080		CAP,ELECT 10-50V
C783	87-012-286-020		CAP,U 0.01-25
C784	87-012-286-020		CAP,U 0.01-25
C785	87-010-401-080		CAP,ELECT 1-50V
C786	87-010-401-080		CAP,ELECT 1-50V
C789	87-012-275-020		C-CAP,U 1200P-50 B

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C790	87-012-275-020		C-CAP,U 1200P-50 B
C791	87-010-405-080		CAP,ELECT 10-50V
C793	87-012-273-020		C-CAP,U 820P-50 B
C794	87-010-406-080		CAP,ELECT 22-50
C795	87-010-596-020		CAP,S 0.047-16
C796	87-010-403-080		CAP,ELECT 3.3-50V
C799	87-010-829-020		CAP,U 0.047-16
C812	87-012-286-020		CAP,U 0.01-25
C820	87-010-260-080		CAP,ELECT 47-25V
C821	87-012-286-020		CAP,U 0.01-25
C822	87-012-286-020		CAP,U 0.01-25
C823	87-012-286-020		CAP,U 0.01-25
C828	87-010-196-020		CHIP CAPACITOR,0.1-25
C829	87-010-196-020		CHIP CAPACITOR,0.1-25
C959	87-010-196-020		CHIP CAPACITOR,0.1-25
C960	87-010-196-020		CHIP CAPACITOR,0.1-25
C961	87-012-170-020		C-CAP,U 8P-50 D CH
C963	87-010-196-020		CHIP CAPACITOR,0.1-25
CF801	87-008-261-010		FILTER,SFE10.7MA5
CF802	87-008-261-010		FILTER,SFE10.7MA5
CN701	87-A60-700-010		CONN,13P H GRY TUC-P13X-C1
FFE801	A8-8ZA-190-030		8ZA-1 FEUNM
J801	87-A60-702-010		TERMINAL,ANT 4P CJ-9036
L771	87-A50-266-010		COIL,FM DET-2N(TOK)
L772	87-A91-110-010		FLTR,PCFJZH-450(TOK)
L981	8Z-ZA1-667-010		COIL,AM PACK4F(TOK)
X721	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309

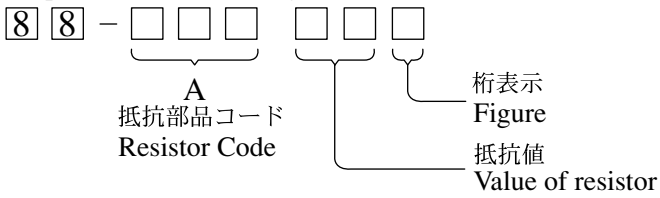
PT C.B

C1	87-010-388-090		CAP,E 1000-25 M SME
C2	87-A11-148-080		CAP,TC U 0.1-50F
C3	87-A11-148-080		CAP,TC U 0.1-50F
C4	87-A11-148-080		CAP,TC U 0.1-50F
C5	87-A11-148-080		CAP,TC U 0.1-50F
C7	87-A10-479-080		CAP,CER 2200P-250 M E KH
C8	87-A12-056-090		CAP,E 4700-35
C9	87-A12-056-090		CAP,E 4700-35
C10	87-A12-327-010		CAP,E 6800-85
C11	87-A12-327-010		CAP,E 6800-85
C12	87-A11-148-080		CAP,TC U 0.1-50F
C13	87-A11-148-080		CAP,TC U 0.1-50F
C14	87-A11-148-080		CAP,TC U 0.1-50F
C15	87-A11-148-080		CAP,TC U 0.1-50F
C16	87-A10-416-090		CAP,E 6800-80 SMG VB
C17	87-A10-416-090		CAP,E 6800-80 SMG VB
C18	87-A11-148-080		CAP,TC U 0.1-50F
C19	87-A11-148-080		CAP,TC U 0.1-50F
C20	87-010-403-080		CAP,ELECT 3.3-50V
C21	87-A11-148-080		CAP,TC U 0.1-50F
C22	87-A11-148-080		CAP,TC U 0.1-50F
CN1	87-A61-110-010		CONN,9P V TID-A
CN2	87-A60-850-010		CONN,7P V VH
CN3	87-A60-645-010		CONN,3P V VH
CN4	87-A60-129-010		CONN,3P V VA-B3P5VH
CN5	87-099-674-010		CONN,2P V VA
CN6	87-A60-937-010		CONN,2P V VH
⚠ PR1	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR2	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR3	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR4	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR5	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR6	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR7	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR8	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR9	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PR10	87-026-682-080		PROTECTOR,10A 491 SERIES 60V
⚠ PT1	8A-MHM-605-010		PT,HE
⚠ PT2	8Z-NF8-663-010		PT,SUB ZNF-8(H)
⚠ RY2	87-A91-339-010		RELAY,AC12V DC12V G5PA-2

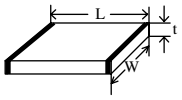
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
AC SW C.B			
CNA005	8A-MTM-639-010		CONN ASSY,2P AC-SW
CNA006	8A-MTM-640-010		CONN ASSY,3P AC-SW
⚠ S001	87-036-067-010		SSW,SL 2-2-4 SDKGA7
MIC C.B			
C605	87-010-196-080		CHIP CAPACITOR,0.1-25
CN601	87-A60-620-010		CONN,3P V 2MM JMT
J601	87-099-659-010		JACK,6.3 JY-6314-01130
J602	87-099-659-010		JACK,6.3 JY-6314-01130
LED-A C.B			
CN451	87-A60-688-010		CONN,4P H GRY TUC-P04X-C1
LED451	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB
LED-B C.B			
CN452	87-A60-688-010		CONN,4P H GRY TUC-P04X-C1
LED453	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB
LED-C C.B			
CN453	87-A60-688-010		CONN,4P H GRY TUC-P04X-C1
LED452	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB
LED-D C.B			
CN454	87-A60-688-010		CONN,4P H GRY TUC-P04X-C1
LED454	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB
DECK C.B			
CON1	87-009-352-010		CONN,9P H WHT PH
SFR1	87-024-581-010		SFR,3.3K H KVSF637A
SOL1	82-ZM1-634-010		SOL ASSY,23K
SW2	87-A90-248-010		SW,MICRO ESE11SH2CXQ
SW3	87-A90-248-010		SW,MICRO ESE11SH2CXQ
SW4	87-A90-248-010		SW,MICRO ESE11SH2CXQ
SW5	87-A90-248-010		SW,MICRO ESE11SH2CXQ
SW6	87-A90-248-010		SW,MICRO ESE11SH2CXQ
W1	86-ZM1-602-110		RBN-CORD,4P 220MM
DECK MOTOR C.B			
CON1	87-A60-318-010		CONN,4P H 6216-11
M1	87-A90-346-010		MOT,RF-500TB/2560
SW1	87-036-110-010		SW,MICRO SPPB62
HEAD C.B			
CON101	86-ZM1-605-010		CONN ASSY,AR3

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

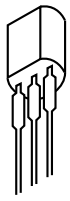
チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



チップ抵抗
Chip resistor

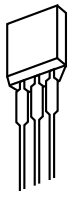
容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm) 外形／Form	L	W	t	抵抗コード　：A Resistor Code：A
1/16W	1005	±5%	CJ		1.0	0.5	0.35	104
1/16W	1608	±5%	CJ		1.6	0.8	0.45	108
1/10W	2125	±5%	CJ		2	1.25	0.45	118
1/8W	3216	±5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION



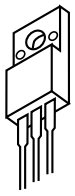
E C B

2SA952
CC5551
CSA1585
CSC4115
CSD655
KTA1266
KTC3198



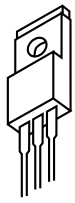
E C B

DTC114ES
KTC3199



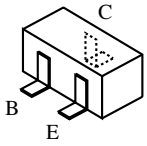
B C E

2SB1588
2SD2439
FN1016
FP1016

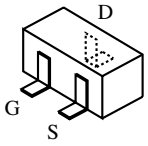


B C E

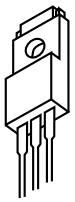
2SB1370



2SA1235
2SC2714
2SC3052
2SC3326
CMBT5401
CMBT5551
DTA123EKA
DTA123JK
KTA1298
RT1N141C
RT1P141C
RT1P144C
RT1P441C

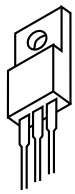


2SK2158



G D S

2SK2937

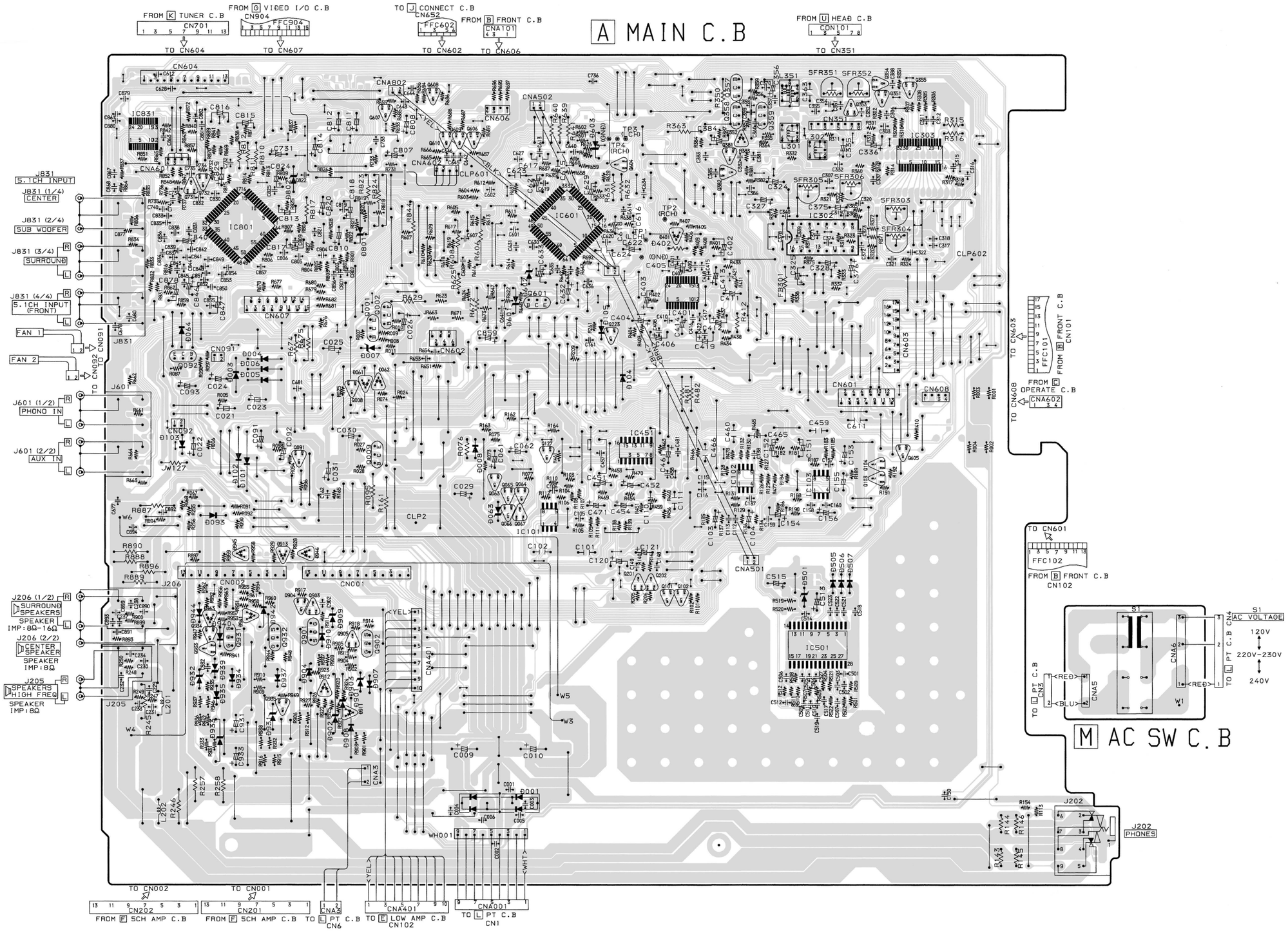


G D S

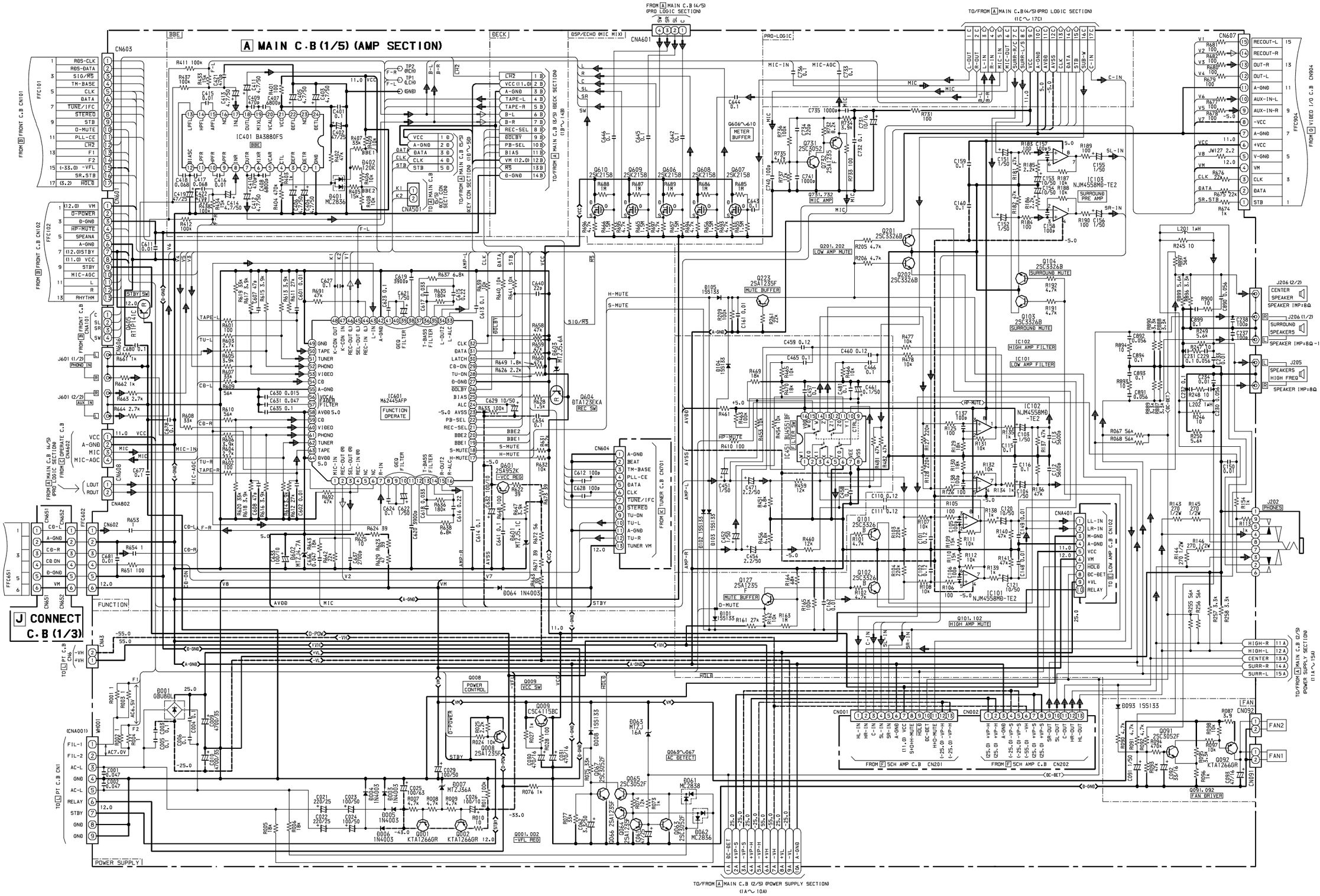
2SK3053

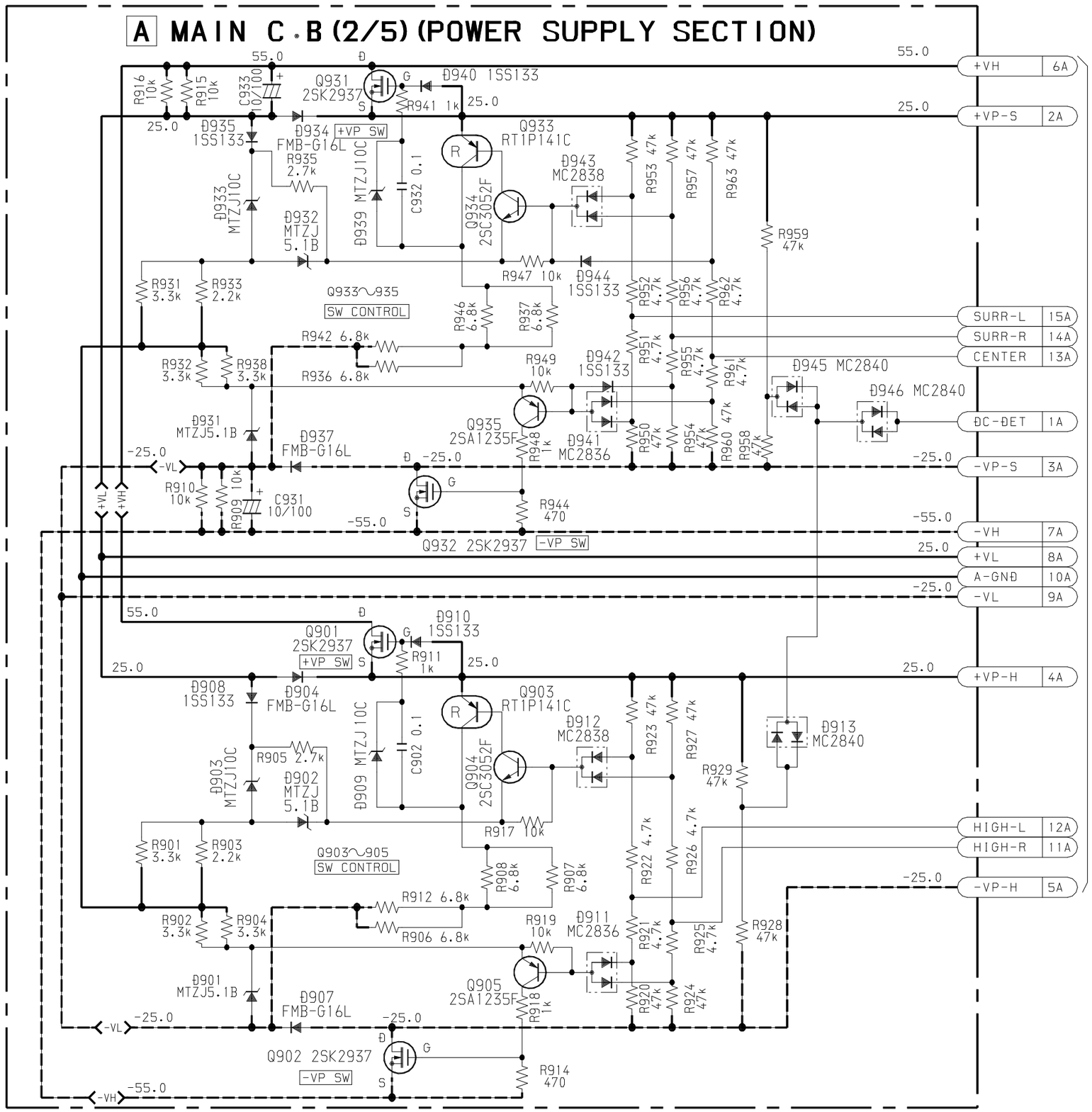
32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

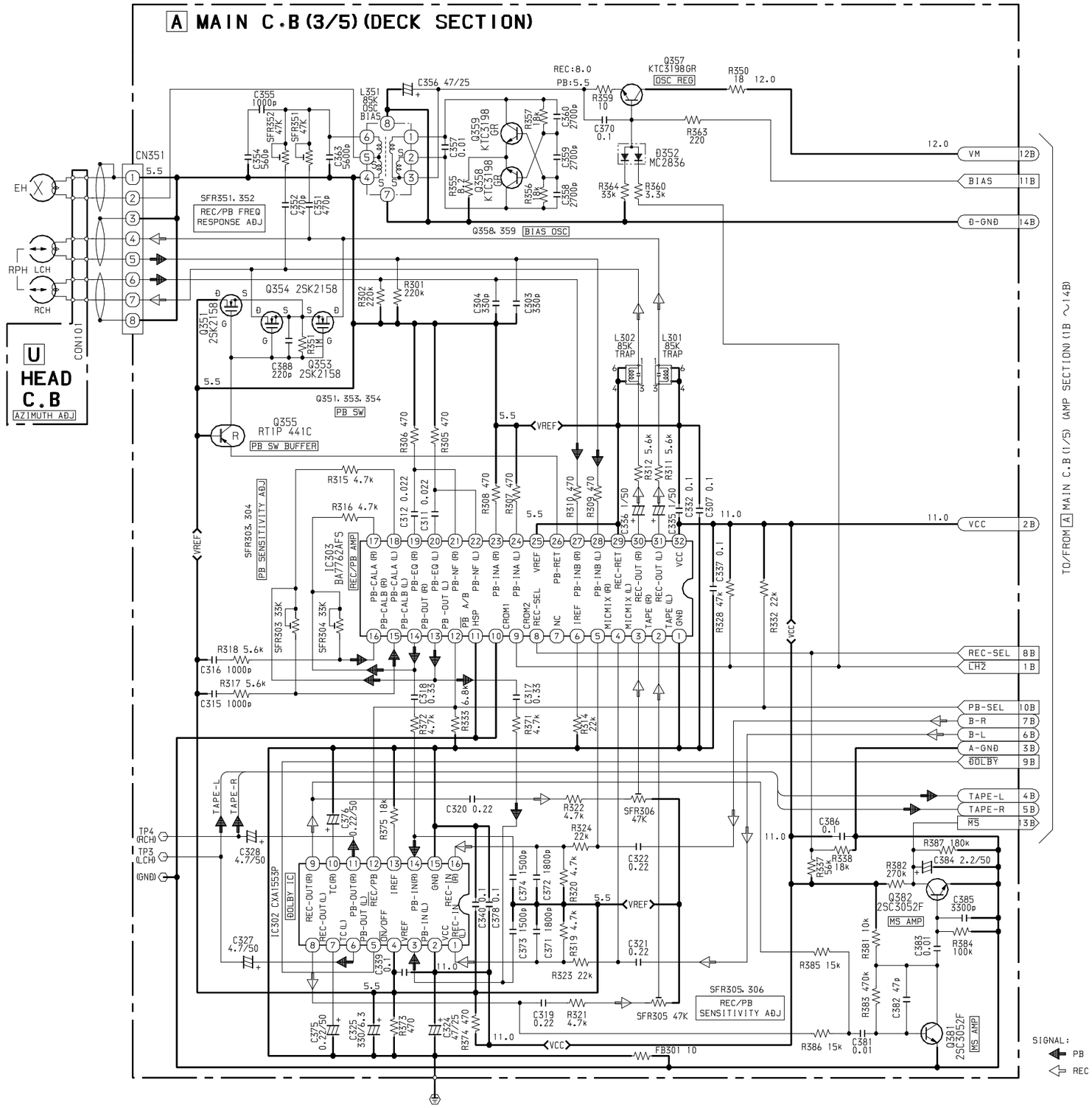
A B C D E F G H I J K L M N O P Q R S T U

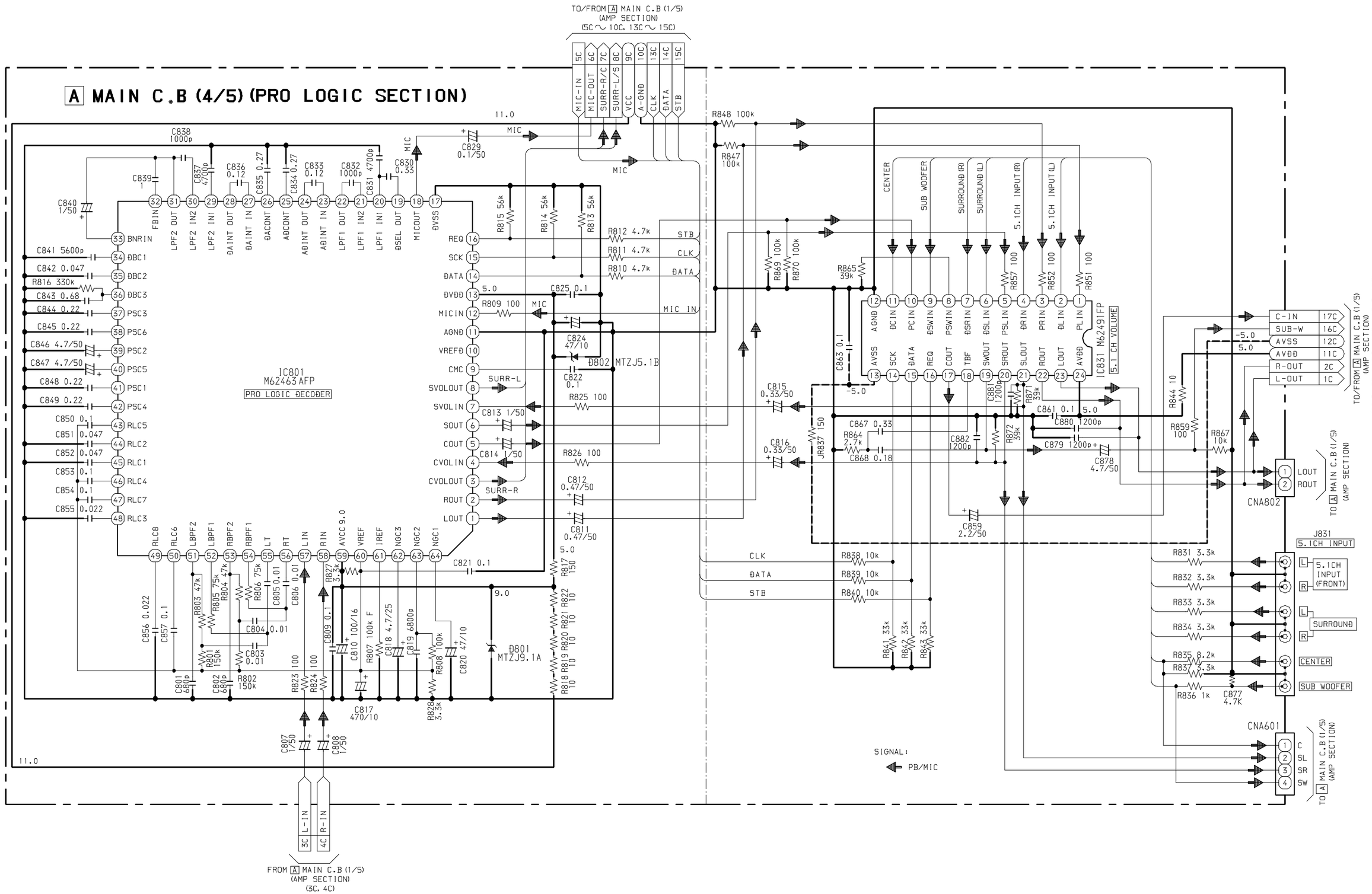


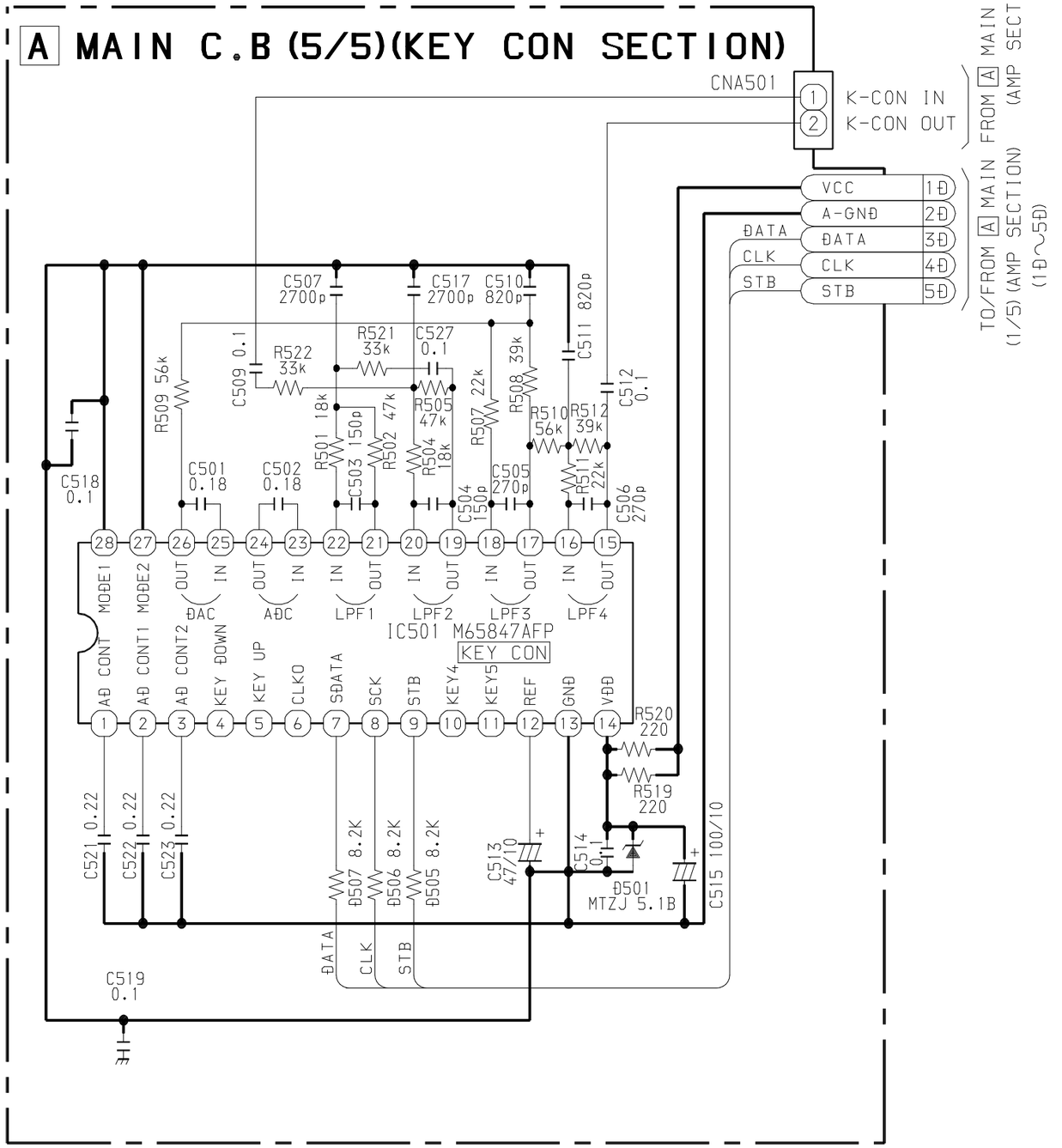
SCHEMATIC DIAGRAM – 1 (MAIN (1 / 5 : AMP SECTION) / CONNECT (1 / 3))



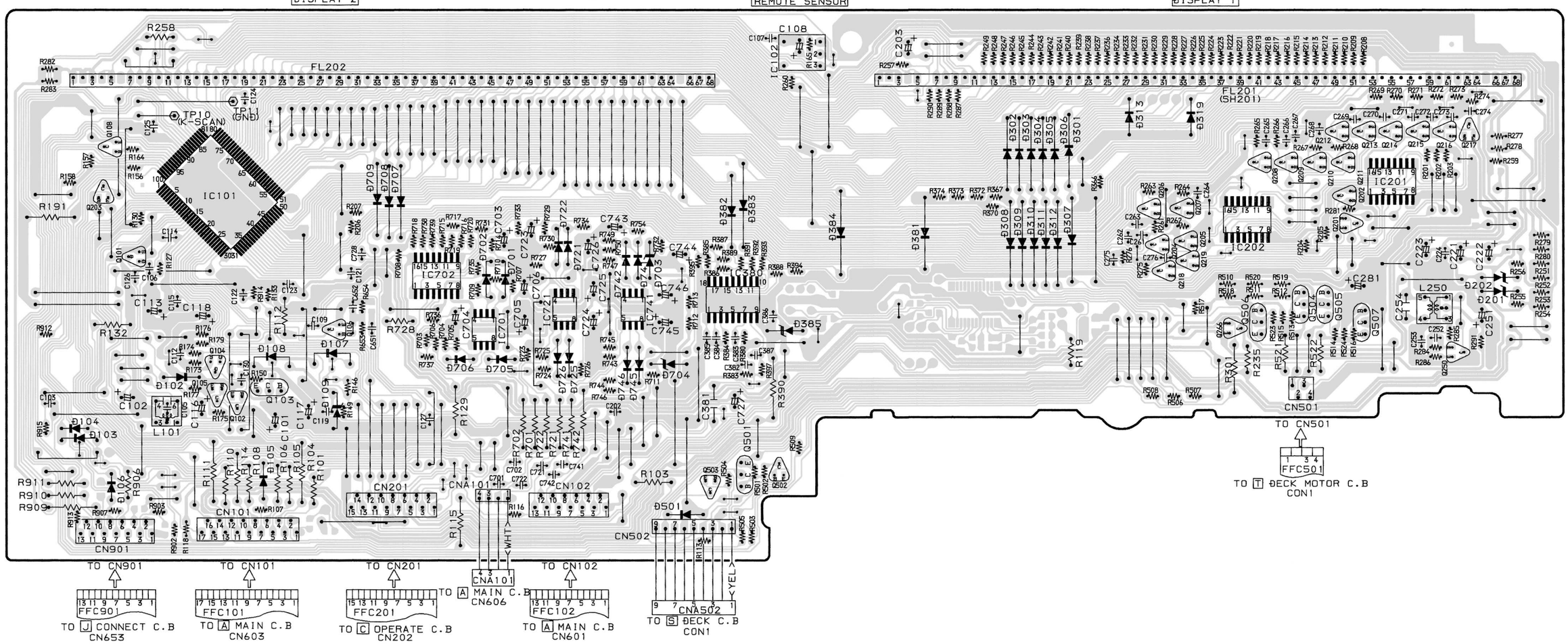

A MAIN C.B (2/5) (POWER SUPPLY SECTION)
Q931 2SK2937
Đ940 1SS133
R941 1k
Đ934 +VP SW
FMB-G16L
Đ935 1SS133
R935 2.7k
Đ933 MTZJ10C
Đ932 MTZJ 5.1B
Đ939 MTZJ10C
C932 0.1
Q933 RT1P141C
Q934 2SC3052F
Đ943 MC2838
R947 10k
Đ944 1SS133
Q933~935 SW CONTROL
R942 6.8k
R936 6.8k
R946 6.8k
R937 6.8k
R949 10k
Đ942 1SS133
Q935 2SA1235F
R948 1k
Đ941 MC2836
Đ931 MTZJ5.1B
Đ937 FMB-G16L
Q932 2SK2937 -VP SW
R944 470
R953 47k
R957 47k
R963 47k
R959 47k
R952 4.7k
R956 4.7k
R962 4.7k
R951 4.7k
R955 4.7k
R961 4.7k
R950 47k
R954 47k
R960 47k
R958 47k
Đ945 MC2840
Đ946 MC2840
R916 10k
R915 10k
C933 10/100
R931 3.3k
R933 2.2k
R932 3.3k
R938 3.3k
R910 10k
R909 10k
C931 10/100
+VL
+VH
-VL
-VH
55.0
25.0
-25.0
-55.0
+VH 6A
+VP-S 2A
SURR-L 15A
SURR-R 14A
CENTER 13A
ĐC-ĐET 1A
-VP-S 3A
-VH 7A
+VL 8A
A-GNĐ 10A
-VL 9A
TO/FROM A MAIN C.B (1/5) (AMP SECTION) (1A~15A)
Q901 2SK2937
Đ910 1SS133
R911 1k
+VP SW
Đ908 1SS133
Đ904 FMB-G16L
Đ909 MTZJ10C
C902 0.1
Q903 RT1P141C
Đ912 MC2838
Đ903 MTZJ10C
R905 2.7k
Đ902 MTZJ 5.1B
R917 10k
Q903~905 SW CONTROL
R908 6.8k
R907 6.8k
R912 6.8k
R906 6.8k
R919 10k
Đ911 MC2836
Đ901 MTZJ5.1B
Đ907 FMB-G16L
Q905 2SA1235F
R918 1k
Q902 2SK2937 -VP SW
R914 470
R923 47k
R927 47k
R929 47k
Đ913 MC2840
R922 4.7k
R926 4.7k
R921 4.7k
R925 4.7k
R928 47k
R920 47k
R924 47k
R901 3.3k
R903 2.2k
R902 3.3k
R904 3.3k
+VP-H 4A
HIGH-L 12A
HIGH-R 11A
-VP-H 5A


A MAIN C.B (3/5) (DECK SECTION)
U HEAD C.B
AZIMUTH ADJ
CON10
EH
RPH LCH
RCH
CN351
SFR351, 352
REC/PB FREQ RESPONSE ADJ
Q354 2SK2158
Q351 2SK2158
Q353 2SK2158
Q351, 353, 354
PB SW
Q355 RT1P 441C
PB SW BUFFER
Q358, 359 BIAS OSC
Q357 KTC3198GR
OSC REG
Q352 MC2836
L351 85K
L302 85K TRAP
L301 85K TRAP
IC303 BA7762AFS
REC/PB AMP
IC302 CXA1553P
DOLBY IC
SFR303, 304
PB SENSITIVITY ADJ
SFR303 33K
SFR304 33K
SFR305, 306
REC/PB SENSITIVITY ADJ
SFR305 47K
SFR306 47K
Q382 2SC3052F
MS AMP
Q381 2SC3052F
MS AMP
VREF
VCC
TAPE-L
TAPE-R
TP4 (RCH)
TP3 (LCH)
(GND)
REC:8.0
PB:5.5
VM 12B
BIAS 11B
Đ-GNĐ 14B
VCC 2B
REC-SEL 8B
LH2 1B
PB-SEL 10B
B-R 7B
B-L 6B
A-GNĐ 3B
DOLBY 9B
TAPE-L 4B
TAPE-R 5B
MS 13B
TO/FROM A MAIN C.B (1/5) (AMP SECTION) (1B ~ 14B)
SIGNAL:
PB
REC

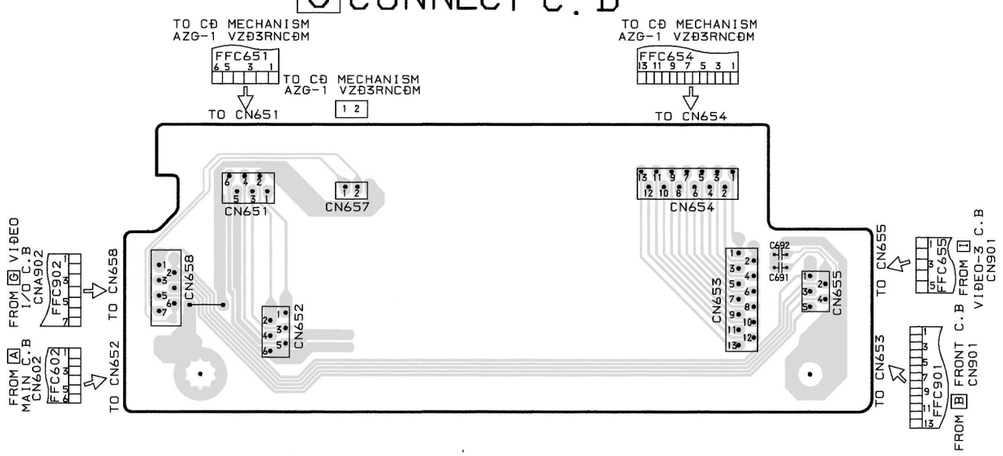

A MAIN C.B (4/5) (PRO LOGIC SECTION)
TO/FROM A MAIN C.B (1/5) (AMP SECTION) (5C ~ 10C, 13C ~ 15C)
MIC-IN
MIC-OUT
SURR-R/C
SURR-L/S
VCC
A-GND
CLK
DATA
STB
IC801 M62463AFP PRO LOGIC DECODER
IC831 M62491FP 5.1 CH VOLUME
CENTER
SUB WOOFER
SURROUND (R)
SURROUND (L)
5.1CH INPUT (R)
5.1CH INPUT (L)
C-IN
SUB-W
R-OUT
L-OUT
TO/FROM A MAIN C.B (1/5) (AMP SECTION) (1C ~ 2C, 11C ~ 12C, 16C ~ 17C)
CNA802
LOUT
ROUT
TO A MAIN C.B (1/5) (AMP SECTION)
J831 5.1CH INPUT
5.1CH INPUT (FRONT)
SURROUND
CENTER
SUB WOOFER
CNA601
C
SL
SR
SW
TO A MAIN C.B (1/5) (AMP SECTION)
FROM A MAIN C.B (1/5) (AMP SECTION) (3C, 4C)
L-IN
R-IN
SIGNAL:
PB/MIC
D801 MTZJ9.1A
D802 MTZJ5.1B


A MAIN C.B (5/5)(KEY CON SECTION)
CNA501
1
2
K-CON IN
K-CON OUT
TO/FROM A MAIN C.B (1/5)
(1/5) (AMP SECTION)
VCC
A-GNĐ
ĐATA
CLK
STB
1Đ
2Đ
3Đ
4Đ
5Đ
TO/FROM A MAIN FROM A MAIN C.B (1/5)
(AMP SECTION)
(1Đ~5Đ)
C507 2700p
C517 2700p
C510 820p
C511 820p
C512 0.1
R521 33k
C527 0.1
R522 33k
C509 0.1
R509 56k
R508 39k
R507 22k
R505 47k
R501 18k
C503 150p
R502 47k
R504 18k
R510 56k
R512 39k
R511 22k
C501 0.18
C502 0.18
C504 150p
C505 270p
C506 270p
C518 0.1
28 27 26 25 24 23 22 21 20 19 18 17 16 15
MODE1
MODE2
OUT
IN
ĐAC
AĐC
LPF1
LPF2
LPF3
LPF4
IC501 M65847AFP
KEY CON
AĐ CONT
AĐ CONT1
AĐ CONT2
KEY ĐOWN
KEY UP
CLKO
SĐATA
SCK
STB
KEY4
KEY5
REF
GNĐ
VĐĐ
1 2 3 4 5 6 7 8 9 10 11 12 13 14
R520 220
R519 220
C521 0.22
C522 0.22
C523 0.22
Đ507 8.2K
Đ506 8.2K
Đ505 8.2K
C513 47/10
C514 0.1
Đ501 MTZJ 5.1B
C515 100/10
ĐATA
CLK
STB
C519 0.1

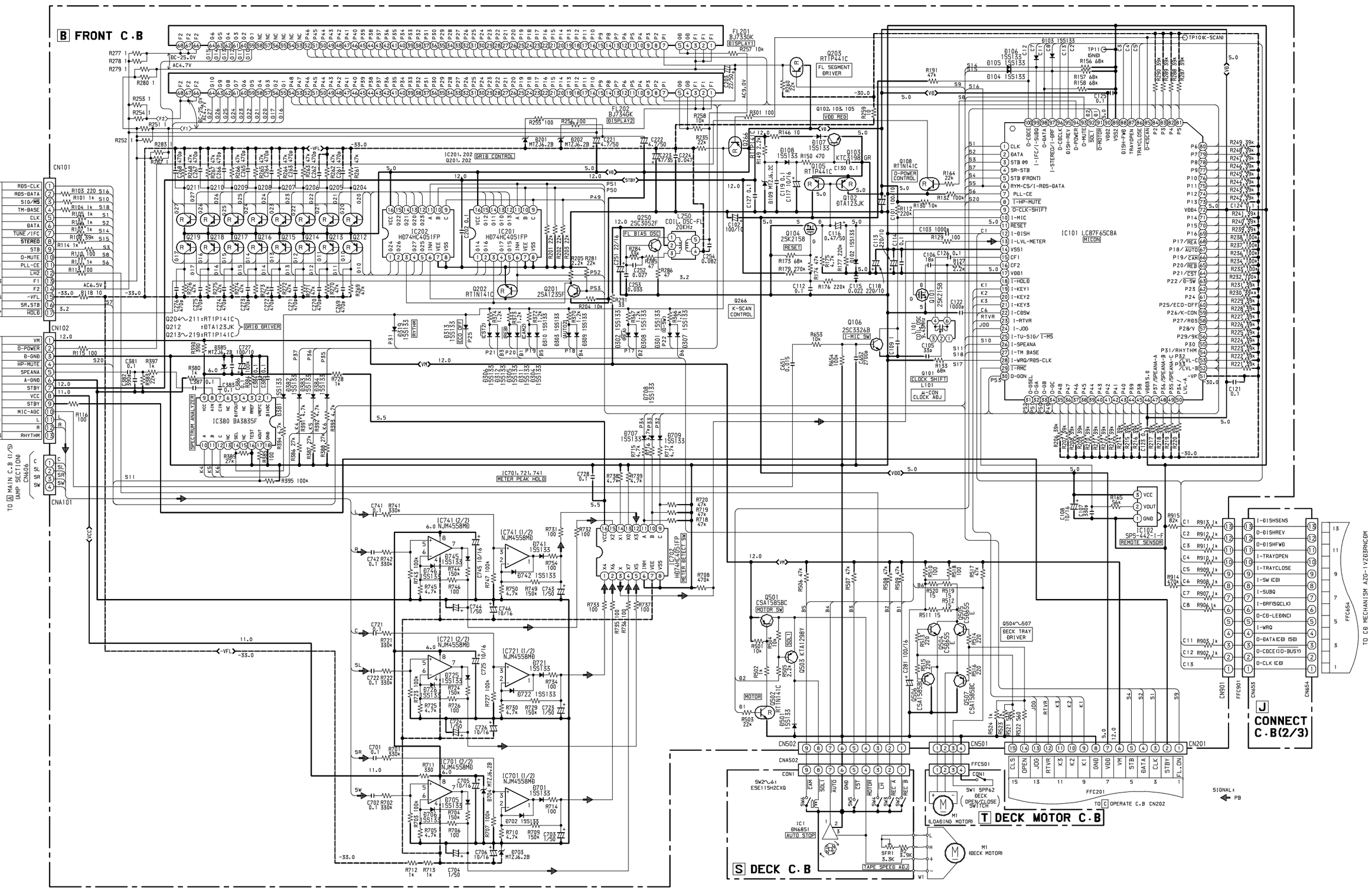
B FRONT C.B



J CONNECT C.B

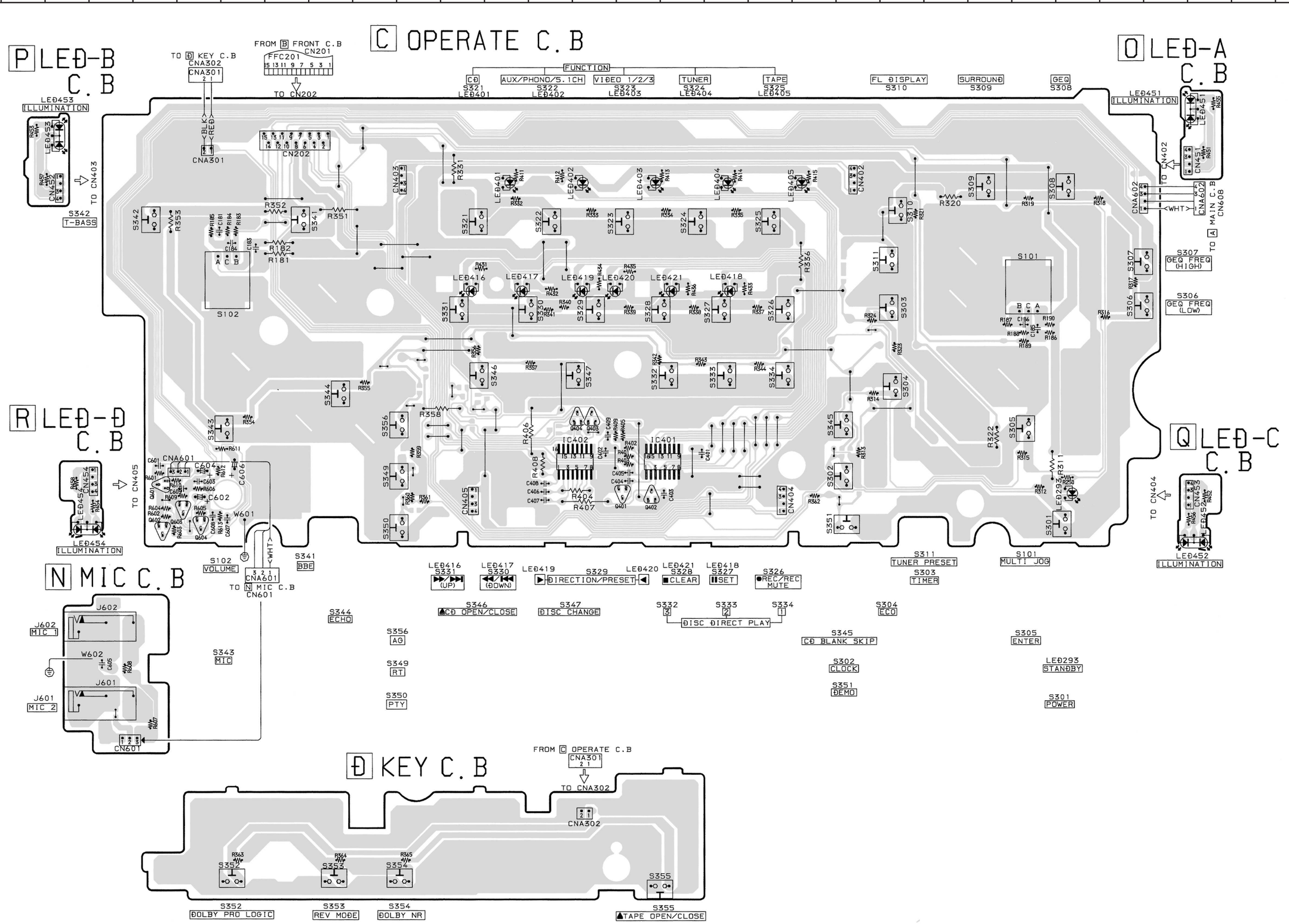


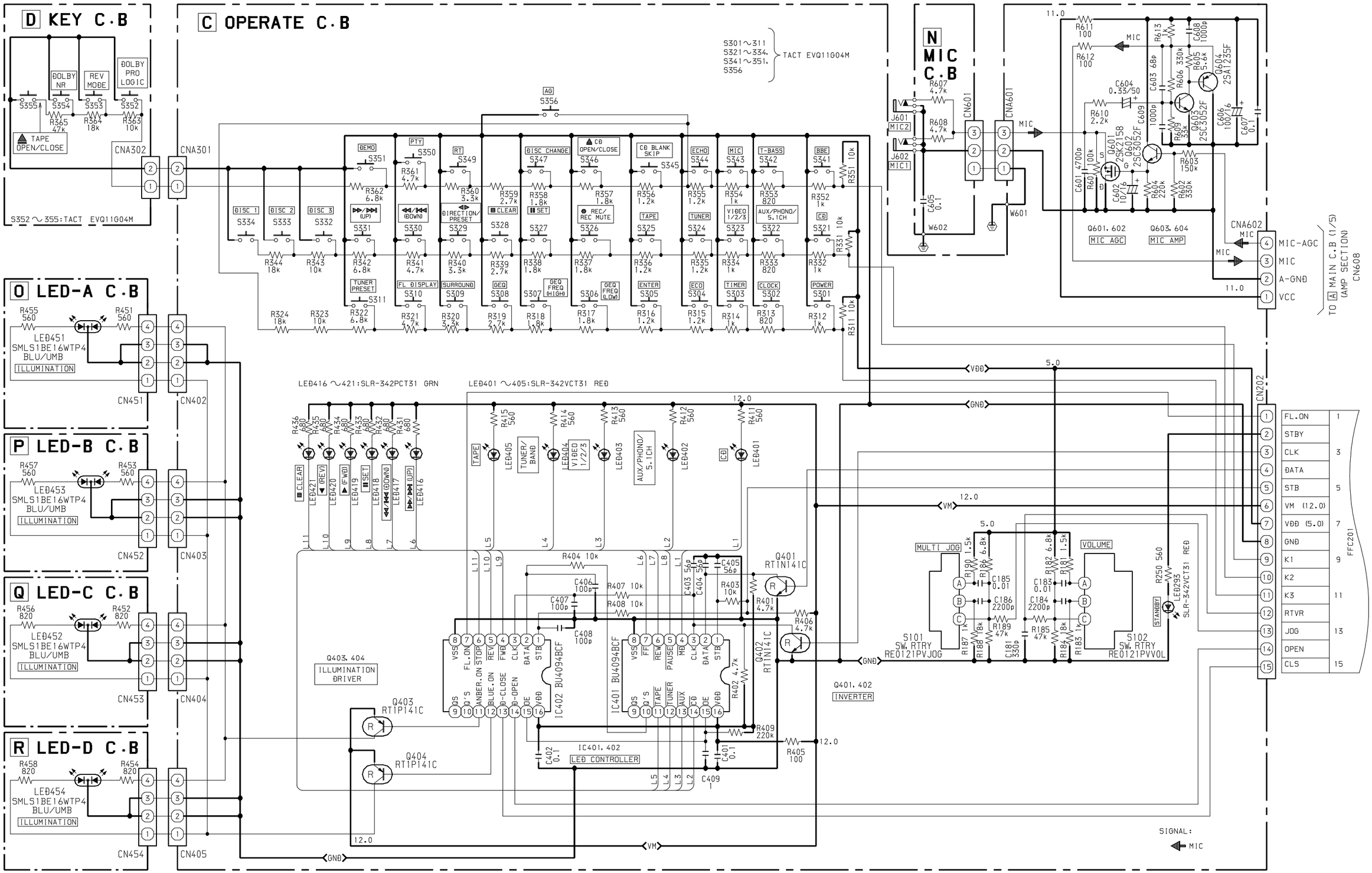
SCHEMATIC DIAGRAM – 6 (FRONT / CONNECT (2 / 3) / DECK / DECK MOTOR)

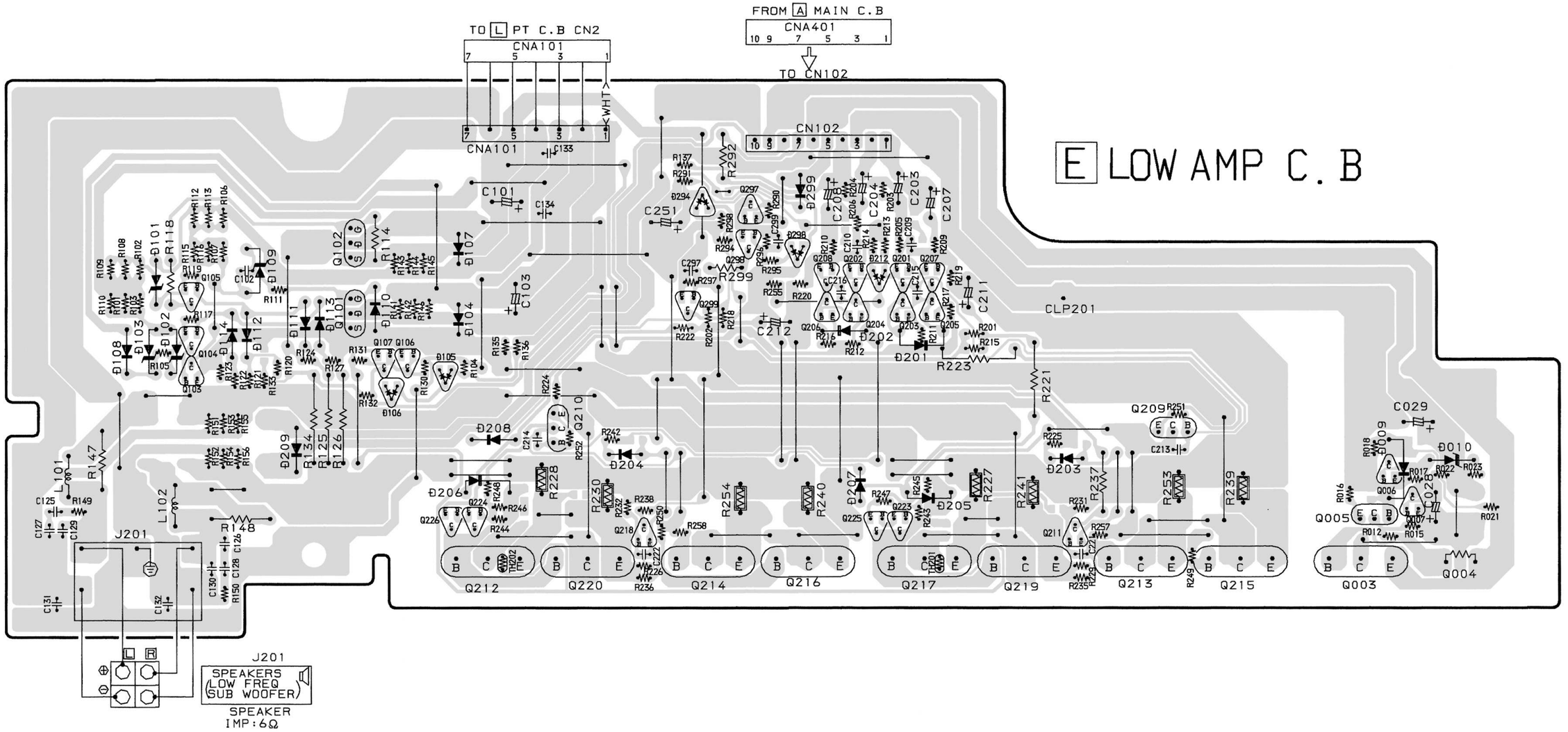


32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H I J K L M N O P Q R S T U




D KEY C.B
C OPERATE C.B
N MIC C.B
O LED-A C.B
P LED-B C.B
Q LED-C C.B
R LED-D C.B
S301~311
S321~334,
S341~351,
S356
TACT EVQ11G04M
DOLBY NR
REV MODE
DOLBY PRO LOGIC
TAPE OPEN/CLOSE
CD OPEN/CLOSE
CD BLANK SKIP
DEMO
PTY
RT
DISC CHANGE
ECHO
MIC
T-BASS
BBE
DISC 1
DISC 2
DISC 3
TUNER PRESET
FL DISPLAY
SURROUND
GEQ
GEQ FREQ (HIGH)
GEQ FREQ (LOW)
TAPE
TUNER
VIDEO 1/2/3
AUX/PHONO/ 5.1CH
CD
ENTER
ECO
TIMER
CLOCK
POWER
DIRECTION/ PRESET
CLEAR
SET
REC/ REC MUTE
CNA301
CNA302
CNA601
CNA602
CN601
CN202
CN451
CN452
CN453
CN454
CN402
CN403
CN404
CN405
LED451 SMLS1BE16WTP4 BLU/UMB
LED453 SMLS1BE16WTP4 BLU/UMB
LED452 SMLS1BE16WTP4 BLU/UMB
LED454 SMLS1BE16WTP4 BLU/UMB
ILLUMINATION
LED416~421:SLR-342PCT31 GRN
LED401~405:SLR-342VCT31 RED
LED293 SLR-342VCT31 RED
IC402 BU4094BCF
IC401 BU4094BCF
Q403, 404 ILLUMINATION DRIVER
Q401 RTIN141C
Q402 RTIN141C
Q403 RTIP141C
Q404 RTIP141C
IC401, 402 LED CONTROLLER
Q401, 402 INVERTER
Q601, 602 MIC AGC
Q603, 604 MIC AMP
S101 SW, RTRY RE0121PVJOG
S102 SW, RTRY RE0121PVVOL
MULTI JOG
VOLUME
TO A MAIN C.B (1/5) (AMP SECTION) CN608
FROM B FRONT C.B CN201
FFC201
FL.ON
STBY
CLK
DATA
STB
VM (12.0)
VDD (5.0)
GND
K1
K2
K3
RTVR
JOG
OPEN
CLS
MIC-AGC
MIC
A-GND
VCC
SIGNAL:
MIC


E LOW AMP C.B
TO L PT C.B CN2
CNA101
FROM A MAIN C.B
CNA401
TO CN102
CN102
CLP201
J201
SPEAKERS
(LOW FREQ
SUB WOOFER)
SPEAKER
IMP:6Ω
L R
Q212
Q220
Q214
Q216
Q217
Q219
Q213
Q215
Q003
Q004
Q005
Q006
Q007
Q209
Q210
Q211
Q224
Q225
Q226
Q297
Q298
Q299
Q201
Q202
Q203
Q204
Q205
Q206
Q207
Q102
Q103
Q104
Q105
Q106
Q107
D201
D202
D203
D204
D205
D206
D207
D208
D209
D010
D101
D102
D103
D104
D105
D106
D107
D108
D109
D110
D111
D112
D113
D114
D294
D296
D299
C029
C101
C102
C103
C125
C126
C127
C128
C129
C130
C131
C132
C133
C134
C203
C204
C205
C206
C207
C208
C209
C210
C211
C212
C213
C214
C216
C217
C222
C251
C297
L101
L102
R147
R148
R149
R150
R201
R202
R203
R204
R205
R206
R207
R208
R209
R211
R212
R213
R214
R215
R217
R218
R219
R220
R221
R222
R223
R224
R225
R227
R228
R230
R231
R232
R234
R235
R236
R237
R238
R239
R240
R241
R242
R243
R244
R245
R246
R247
R248
R249
R250
R251
R252
R253
R254
R255
R257
R258
R291
R292
R294
R295
R296
R297
R298
R299
R021
R022
R023
R012
R015
R016
R017
R018
R101
R102
R103
R104
R105
R106
R107
R108
R109
R110
R111
R112
R113
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R137
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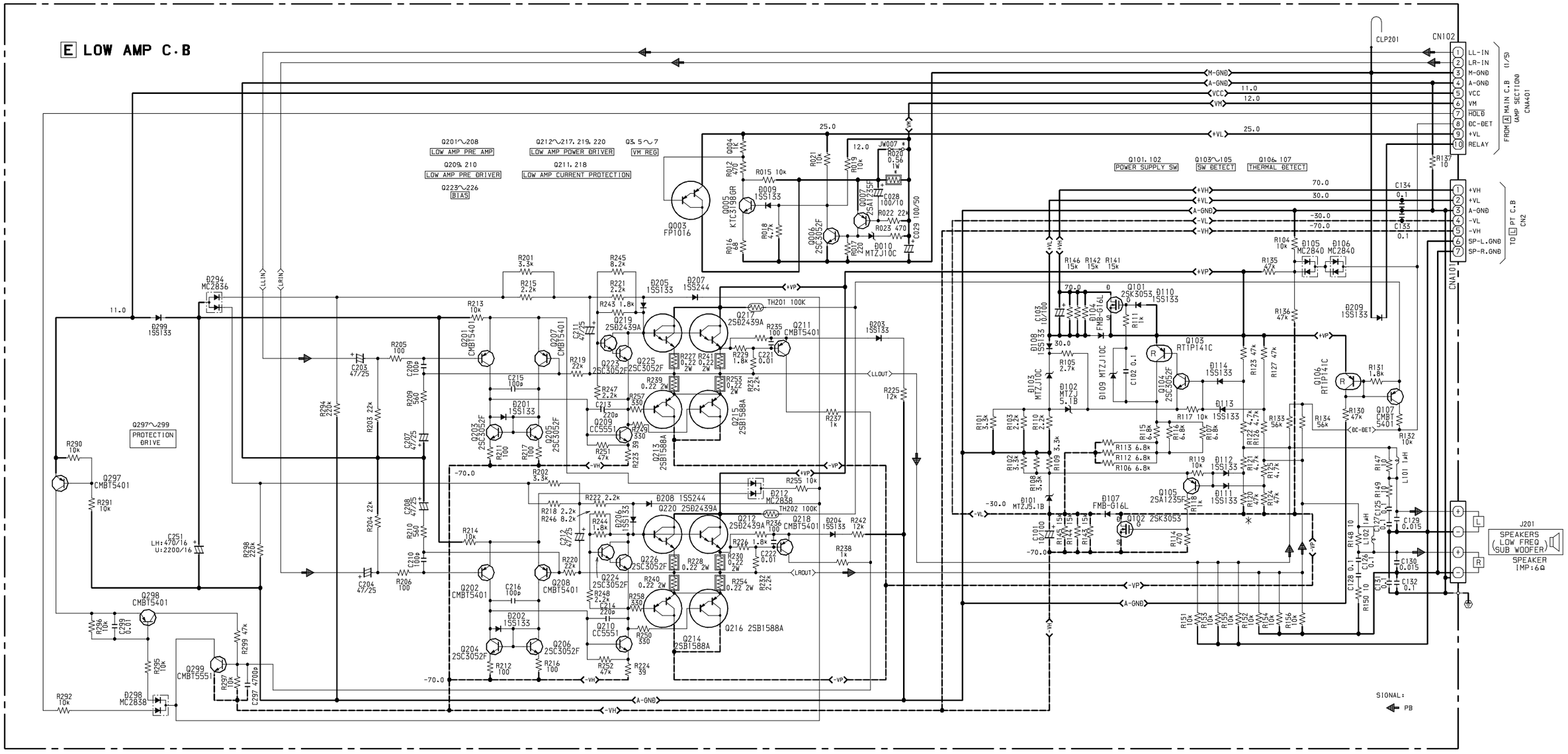
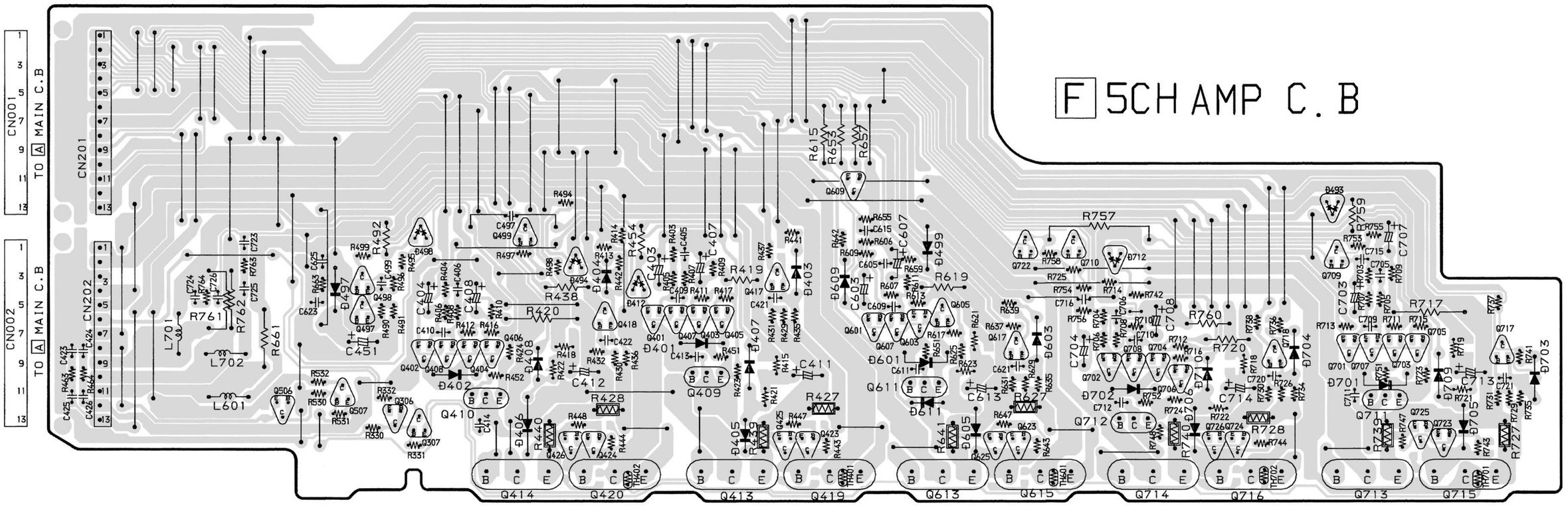
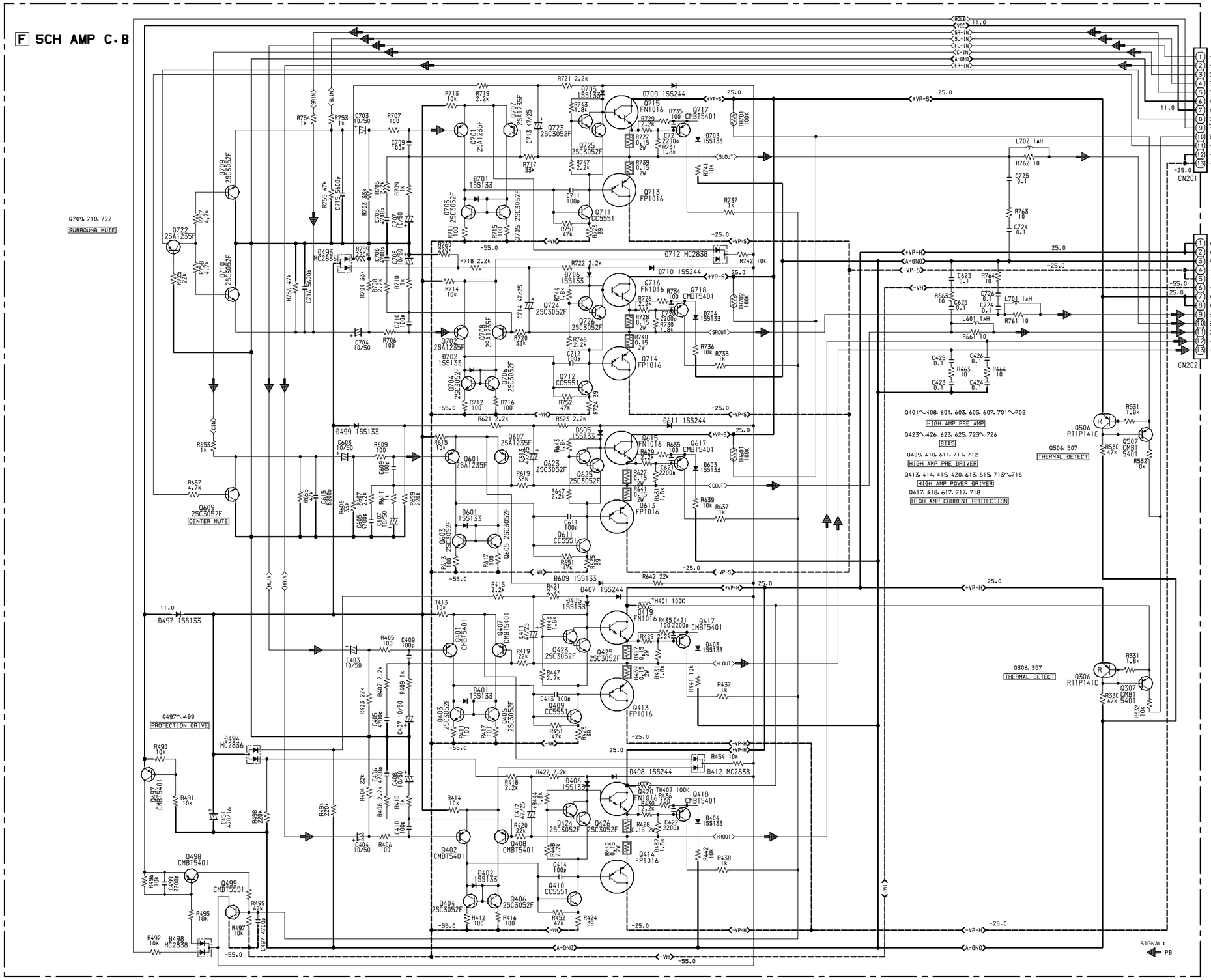
R146
R151
R152
R153
R154
R155
R156


E LOW AMP C.B
Q201~208 LOW AMP PRE AMP
Q209. 210 LOW AMP PRE DRIVER
Q223~226 BIAS
Q212~217. 219. 220 LOW AMP POWER DRIVER
Q211. 218 LOW AMP CURRENT PROTECTION
Q3. 5~7 VM REG
Q297~299 PROTECTION DRIVE
Q101. 102 POWER SUPPLY SW
Q103~105 SW DETECT
Q106. 107 THERMAL DETECT
CN102
CLP201
CNA101
CNA401
FROM A MAIN C.B (1/5) (AMP SECTION)
TO L PT C.B CN2
LL-IN
LR-IN
M-GND
A-GND
VCC
VM
HOLD
DC-DET
+VL
RELAY
+VH
-VL
-VH
SP-L.GND
SP-R.GND
J201
SPEAKERS (LOW FREQ. SUB WOOFER)
SPEAKER IMP:6Ω
SIGNAL:
PB

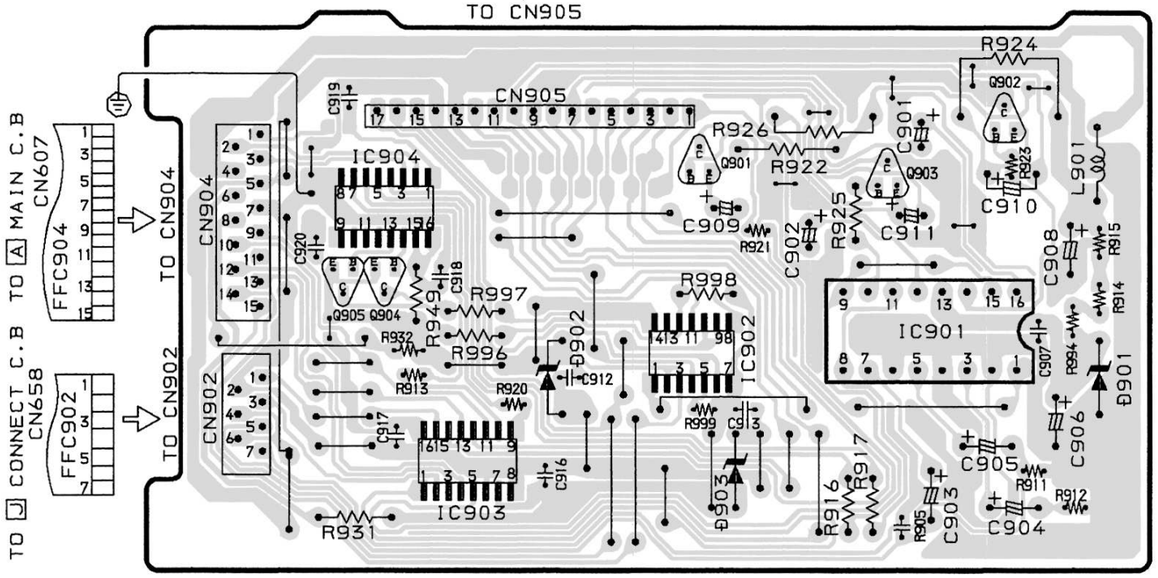
32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H I J K L M N O P Q R S T U

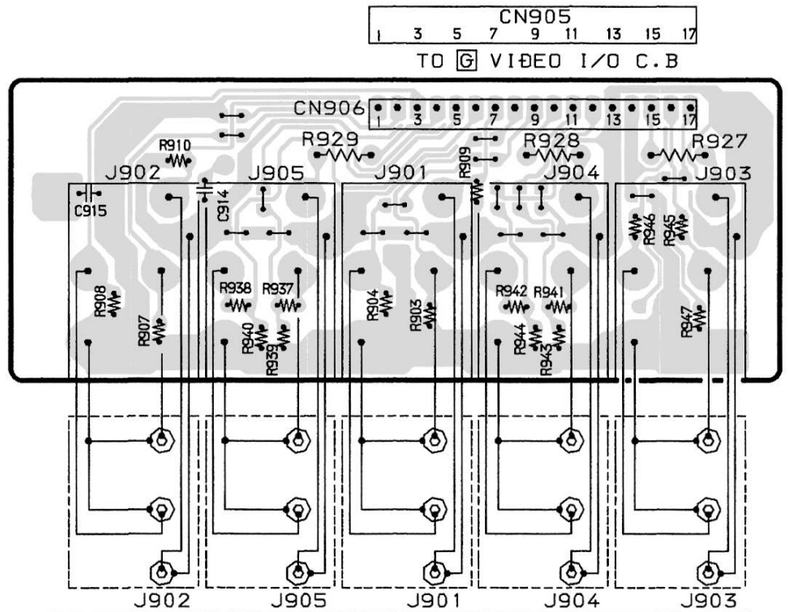



F 5CH AMP C.B
Q709. 710. 722
SURROUND MUTE
Q609
25C3052F
CENTER MUTE
Q497~499
PROTECTION DRIVE
Q401~408. 601. 603. 605. 607. 701~708
HIGH AMP PRE AMP
Q423~426. 623. 625. 723~726
BIAS
Q409. 410. 611. 711. 712
HIGH AMP PRE DRIVER
Q413. 414. 419. 420. 613. 615. 713~716
HIGH AMP POWER DRIVER
Q417. 418. 617. 717. 718
HIGH AMP CURRENT PROTECTION
Q506. 507
THERMAL DETECT
Q306. 307
THERMAL DETECT
HL-IN
HR-IN
C-IN
SL-IN
SR-IN
A-GND
VCC
S+D+H-MUTE
HOLD
BC-BET
H+D-MUTE
-VP-H
-VP-H
TO A MAIN C.B(1/5) (AMP SECTION) CN001
CN201
+VP-H
+VP-H
A-GND
-VP-S
-VP-S
-VH
+VP-S
+VP-S
SR-OUT
SL-OUT
C-OUT
HR-OUT
HL-OUT
TO A MAIN C.B(1/5) (AMP SECTION) CN002
CN202
SIGNAL: PB

G VIÐEO I/O C.B

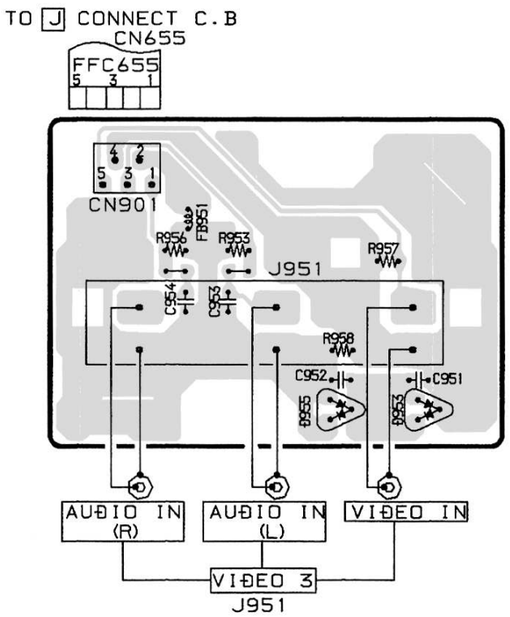


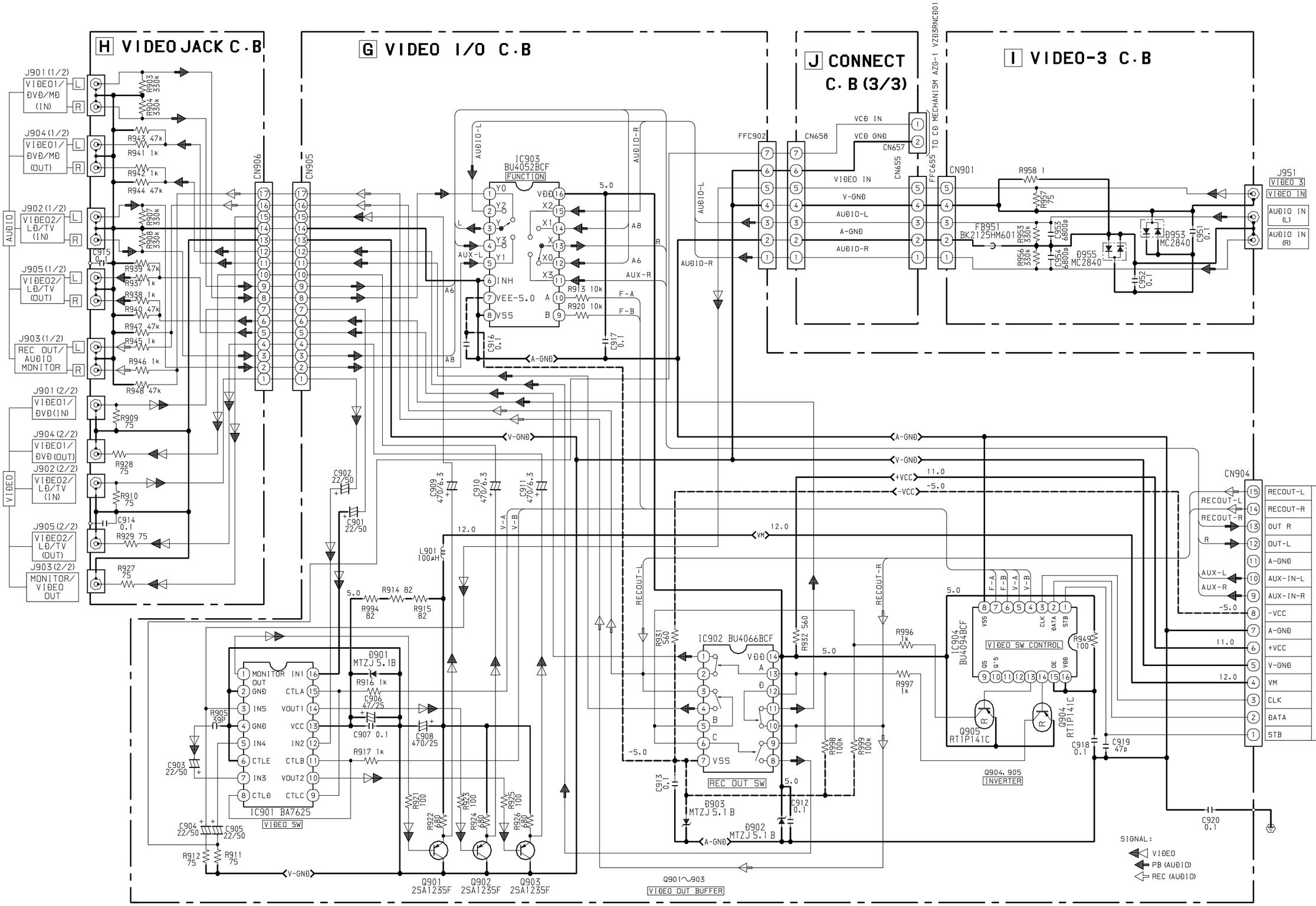
H VIÐEO JACK C.B



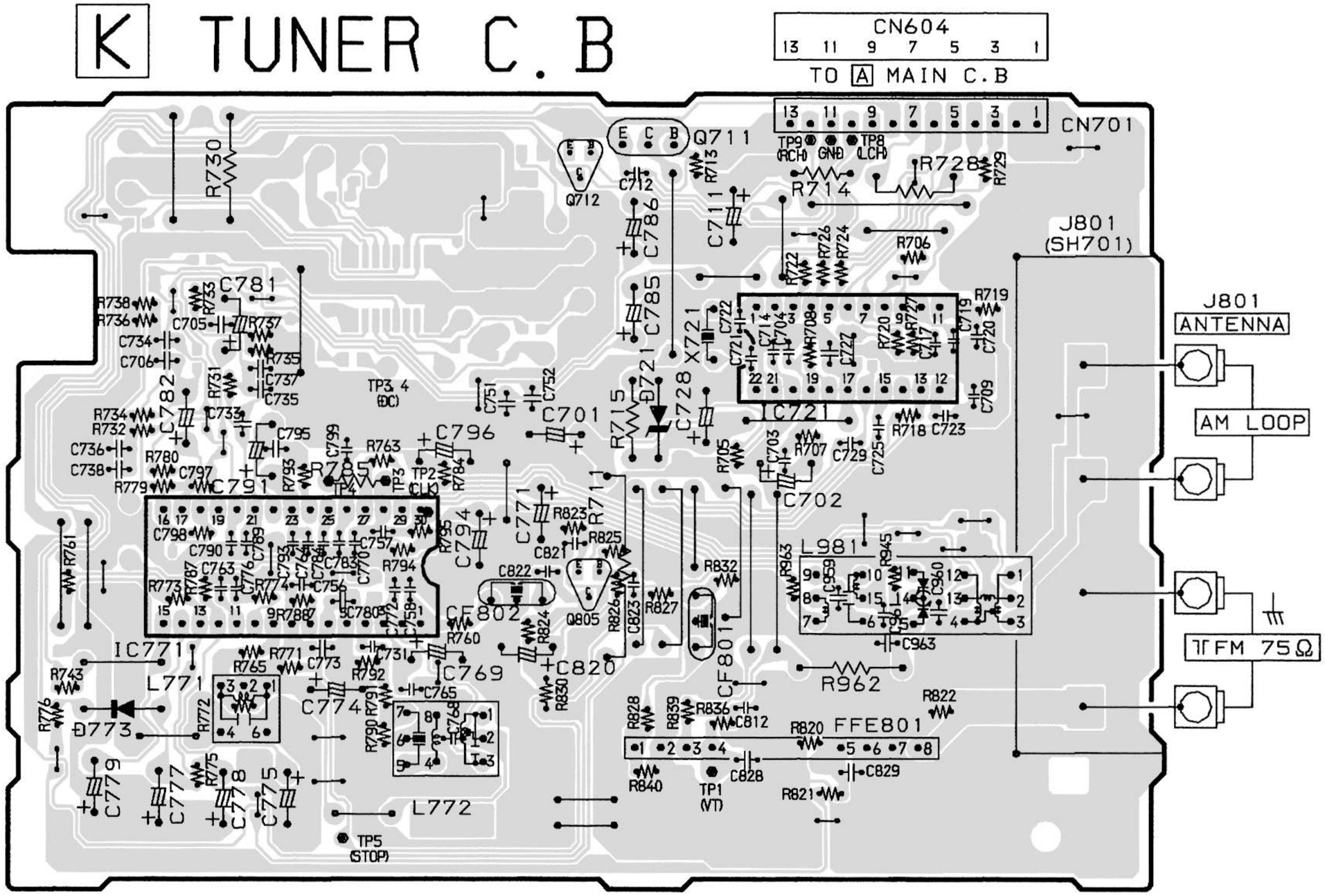
	VIÐEO 2/LÐ/TV		VIÐEO 1/ÐVÐ/MÐ		REC OUT/ AUÐIO MONITOR
	OUT	IN	OUT	IN	
L AUÐIO R	○ ○	○ ○	○ ○	○ ○	○ ○
VIÐEO	○	○	○	○	○
	OUT VIÐEO 2/LÐ/TV	IN	OUT VIÐEO 1/ÐVÐ	IN	MONITOR/ VIÐEO OUT
	J902	J905	J901	J904	J903

I VIÐEO-3 C.B




H VIDEO JACK C.B
G VIDEO I/O C.B
J CONNECT C.B (3/3)
I VIDEO-3 C.B
IC903 BU4052BCF
FUNCTION
IC902 BU4066BCF
IC901 BA7625
VIDEO SW
IC904 BU4094BCF
VIDEO SW CONTROL
REC OUT SW
VIDEO OUT BUFFER
Q904. 905 INVERTER
Q901~903 2SA1235F
D901 MTZJ 5.1B
D902 MTZJ 5.1 B
D903 MTZJ 5.1 B
D955 MC2840
D953 MC2840
FB951 BK2125HM601
Q905 RTIP141C
Q904 RTIP141C
FFC902
FFC655 TO CB MECHANISM AZG-1 VZB3RNCB01
CN904
CN905
CN906
CN901
CN658
CN657
CN655
J951
TO A MAIN C.B (1/5) (AMP SECTION) CN607
FFC904
SIGNAL:
VIDEO
PB (AUDIO)
REC (AUDIO)

K TUNER C.B


CN604
13 11 9 7 5 3 1
TO A MAIN C.B
CN701
J801
(SH701)
J801
ANTENNA
AM LOOP
FM 75Ω
TP9 (RCH)
GND
TP8 (LCH)
TP3, 4 (BC)
TP2 (CLK)
TP4
TP5 (STOP)
TP1 (VT)
Q711
Q712
Q721
Q805
IC771
IC721
IC791
L771
L772
L981
FFE801
CF801
CF802
X721
D773
D721
R730
R714
R728
R729
R706
R719
R720
R718
R705
R707
R715
R785
R711
R962
R963
R945
R820
R821
R822
R840
C781
C782
C701
C702
C796
C786
C785
C712
C711
C722
C721
C728
C723
C729
C703
C709
C725
C791
C798
C790
C789
C793
C757
C770
C783
C794
C771
C821
C822
C823
C824
C820
C769
C774
C775
C777
C778
C779
C751
C752
C731
C765
C768
C772
C773
C812
C828
C829
C963
L960
C959
C960
R738
R736
R734
R732
R733
R737
R735
R731
R780
R779
R797
R799
R763
R784
R793
R795
R761
R787
R773
R774
R788
R794
R823
R825
R826
R827
R832
R824
R760
R771
R765
R792
R791
R790
R772
R776
R743
R775
R839
R836
R828
R830
C705
C734
C706
C736
C738
C733
C795
C797
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C714
C727
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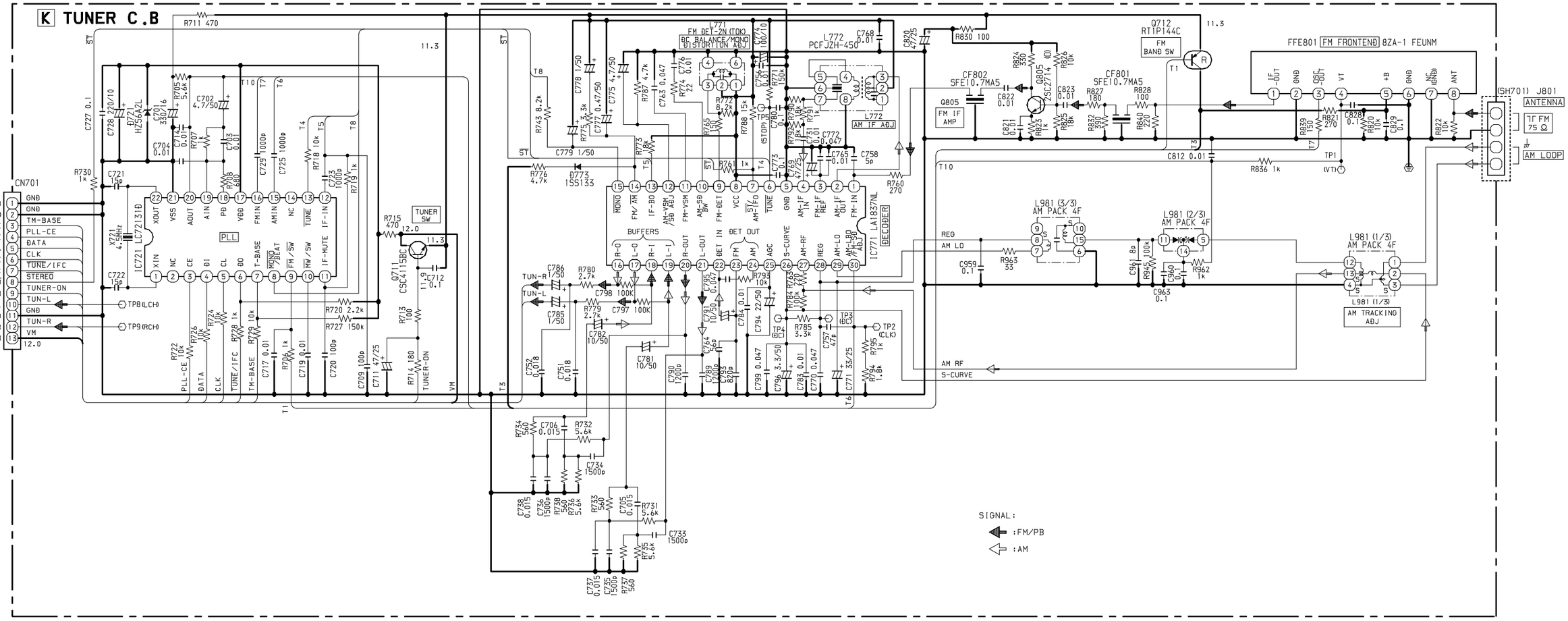
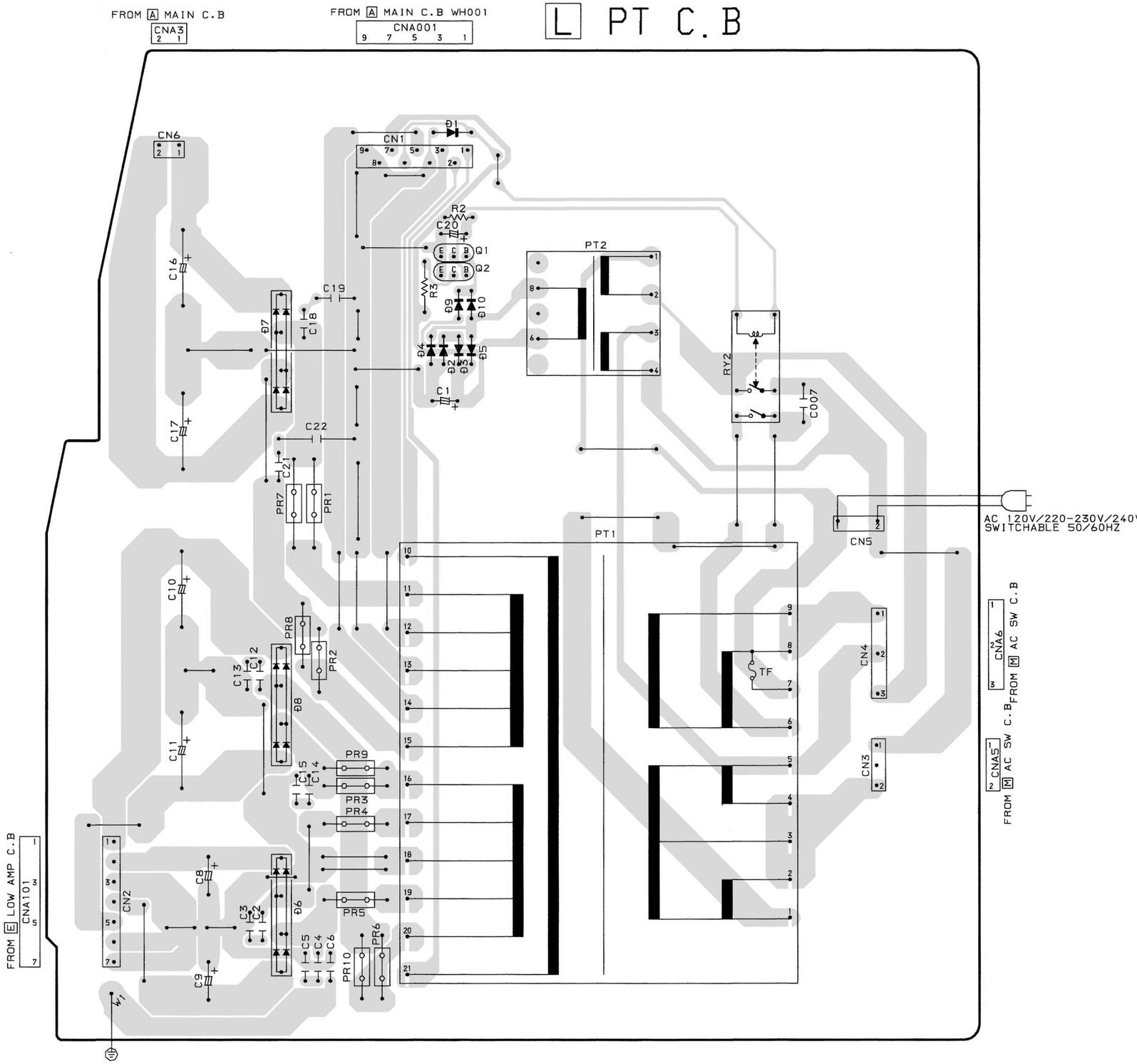
C719
C720
C722
C721

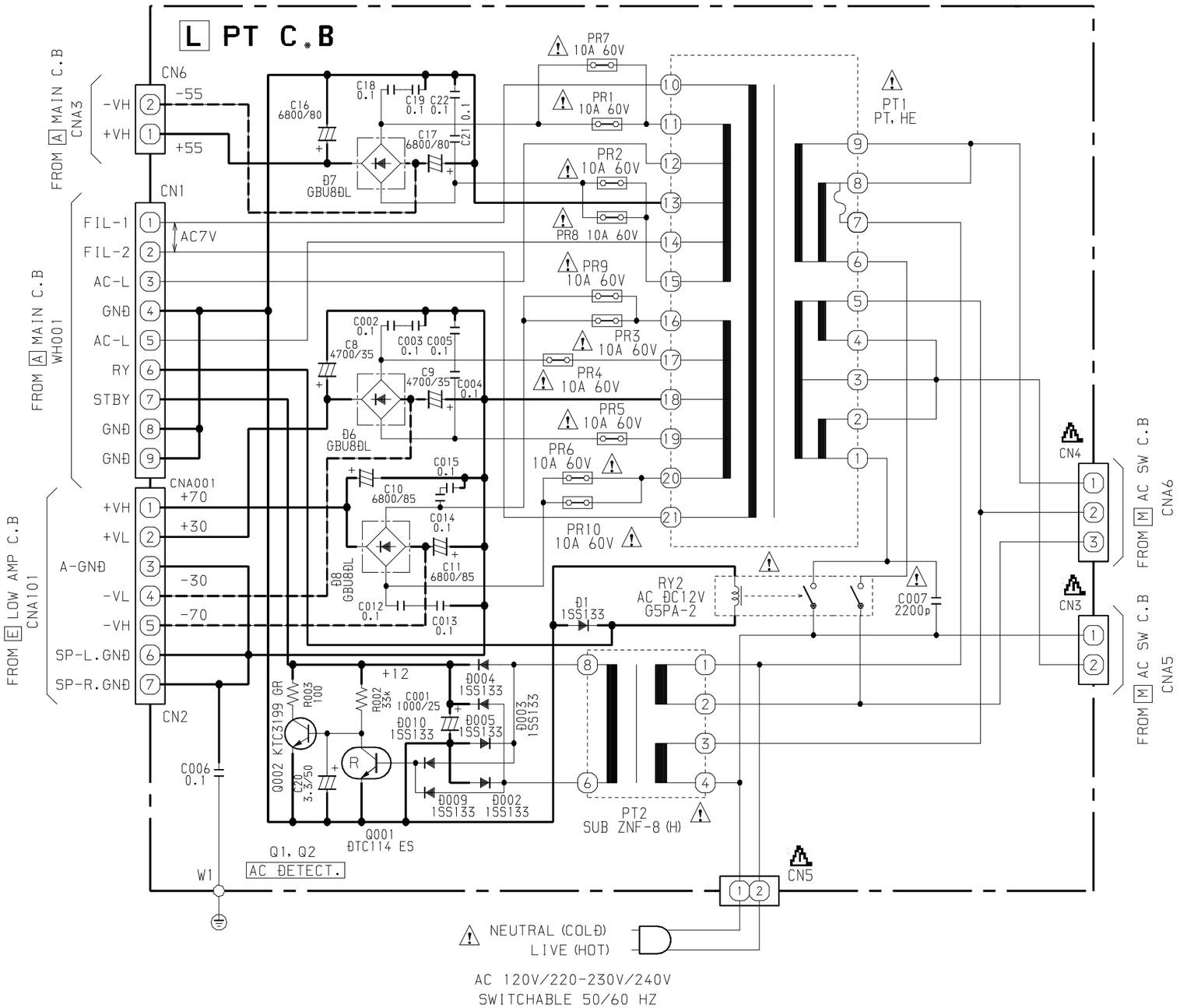

K TUNER C.B
TO A MAIN C.B(1/5) (AMP SECTION) CN604
CN701
A-GND
BEAT (NC)
TM-BASE
PLL-CE
DATA
CLK
TUNE/IFC
STEREO
TUNER-ON
TU-ON
TU-L
GND
A-GND
TU-R
TUNER VM
IC721 LC72131D
PLL
IC771 LA1837NL
DECODER
L771 FM DET-2N(TOK)
DC BALANCE/MONO DISTORTION ADJ
L772 PCFJZH-450
L772 AM IF ADJ
Q712 RT1P144C
FM BAND SW
FFE801 FM FRONTEND 8ZA-1 FEUNM
CF802 SFE10.7MA5
CF801 SFE10.7MA5
Q805 FM IF AMP
Q805 2SC2714
L981 (3/3) AM PACK 4F
L981 (2/3) AM PACK 4F
L981 (1/3) AM PACK 4F
L981 (1/3) AM TRACKING ADJ
TUNER SW
BUFFERS
DET OUT
REG
AM LO
AM RF
S-CURVE
(SH701) J801
ANTENNA
FM 75 Ω
AM LOOP
TP1 (VT)
TP2 (CLK)
TP3 (DT)
TP4 (CE)
TP8(LCH)
TP9(RCH)
SIGNAL:
:FM/PB
:AM

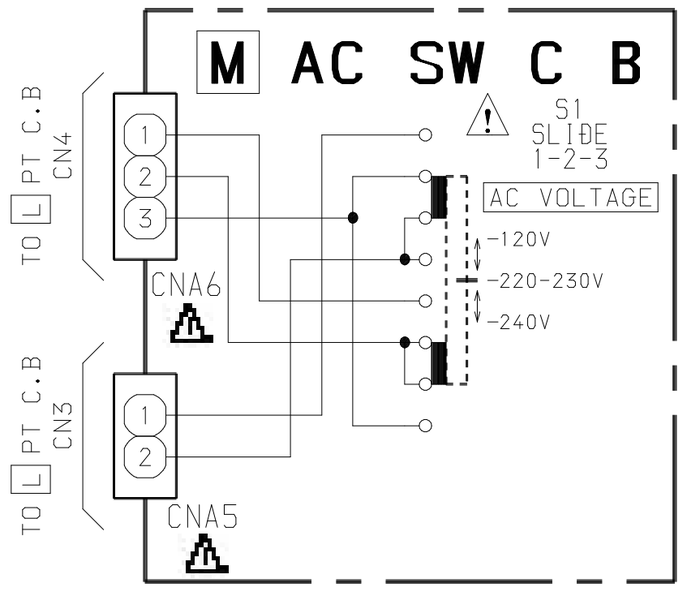
32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

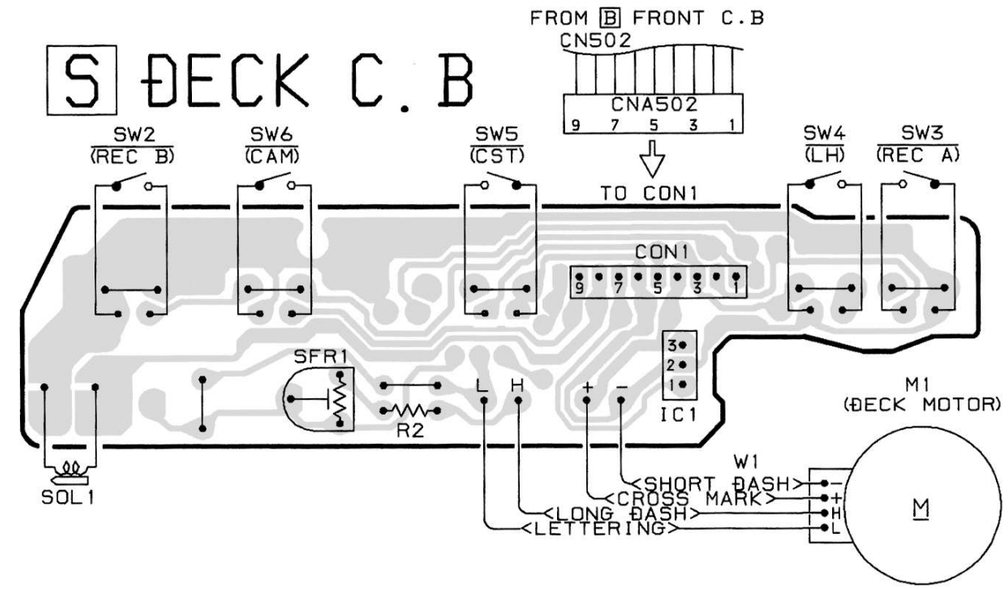
A B C D E F G H I J K L M N O P Q R S T U

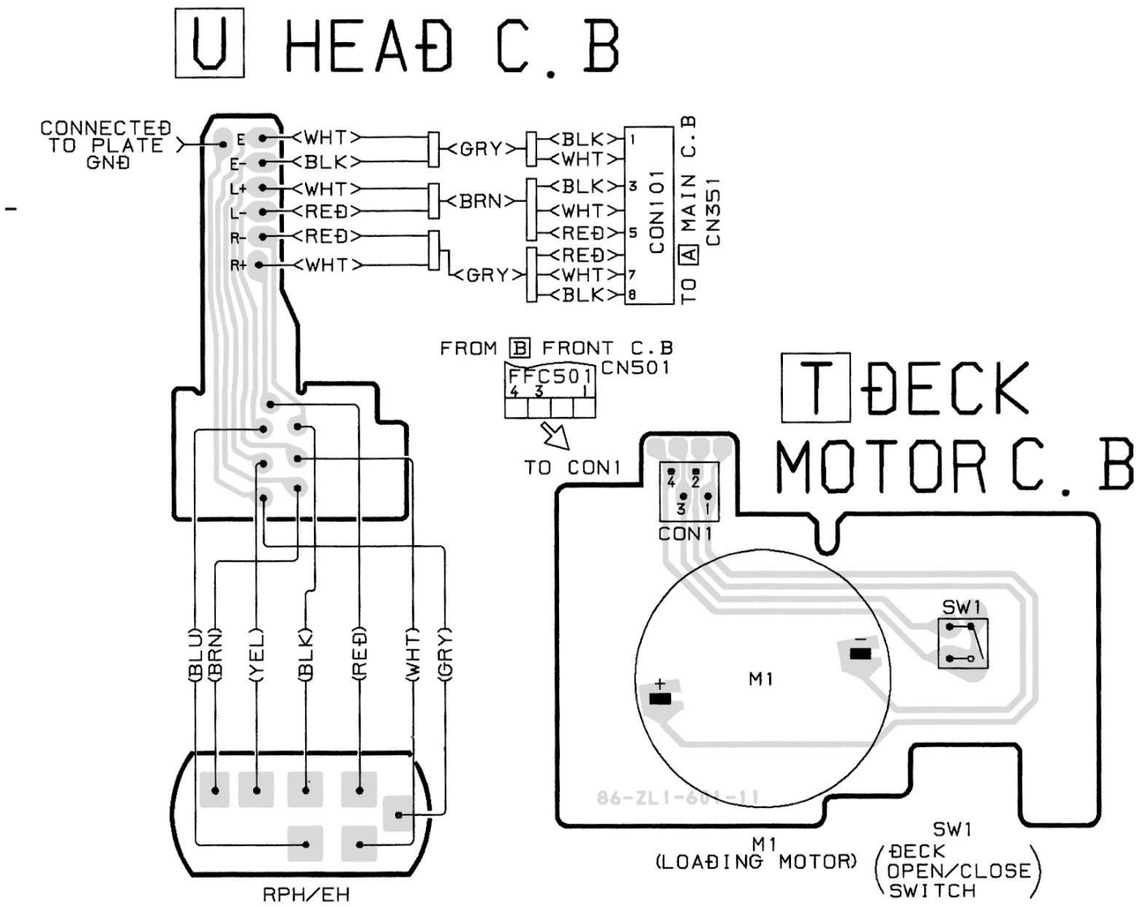


SCHEMATIC DIAGRAM – 14 (PT / AC SW)



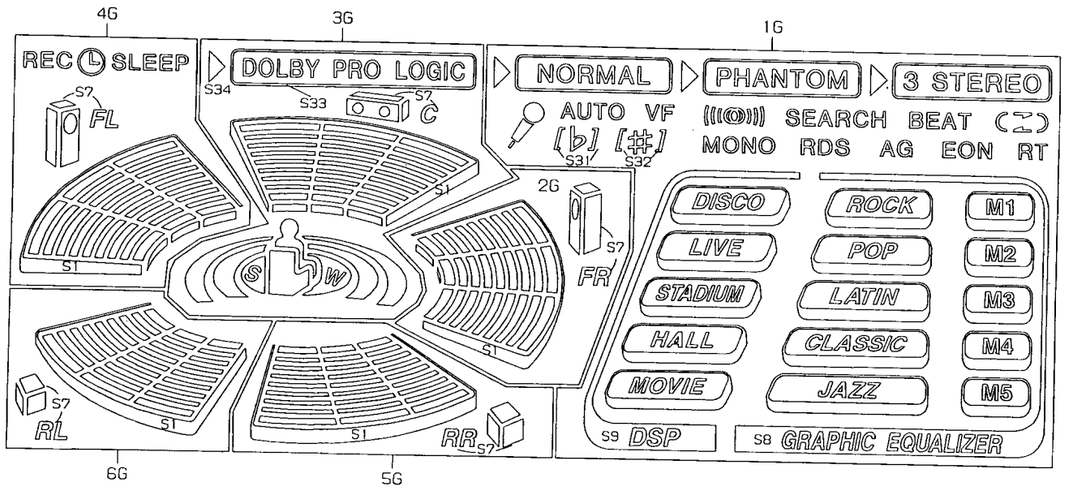



S DECK C.B
FROM B FRONT C.B
CN502
CNA502
9 7 5 3 1
TO CON1
SW2 (REC B)
SW6 (CAM)
SW5 (CST)
SW4 (LH)
SW3 (REC A)
CON1
SFR1
R2
L H
+ −
IC1
M1 (DECK MOTOR)
W1
SOL1
SHORT DASH
CROSS MARK
LONG DASH
LETTERING
M


U HEAD C.B
CONNECTED TO PLATE GND
E
E-
L+
L-
R-
R+
WHT
BLK
RED
GRY
BRN
CON101
TO A MAIN C.B CN351
FROM B FRONT C.B
FFC501
CN501
TO CON1
(BLU)
(BRN)
(YEL)
(BLK)
(RED)
(WHT)
(GRY)
RPH/EH
T DECK MOTOR C.B
CON1
M1
SW1
M1 (LOADING MOTOR)
SW1 (DECK OPEN/CLOSE SWITCH)

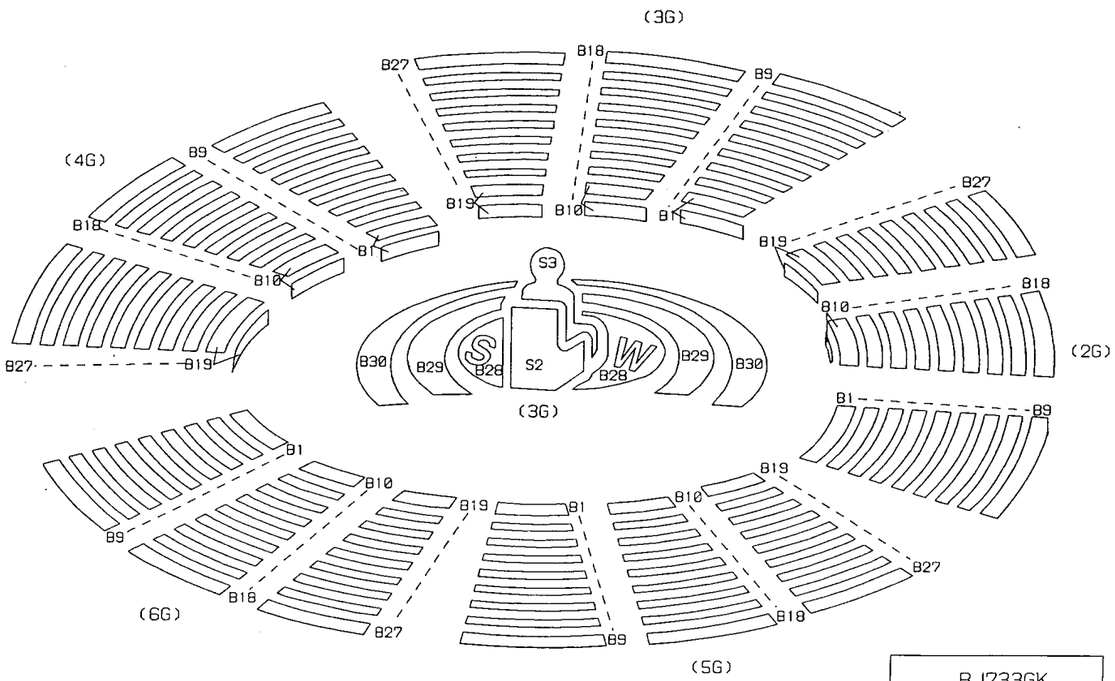
FL (BJ733GK) GRID ASSIGINMENT / ANODE CONNECTION

GRID ASSIGNMENT



BJ733GK
GRID ASSIGNMENT

SEGMENT DESIGNATION



BJ733GK
SEGMENT. DESIGNATION

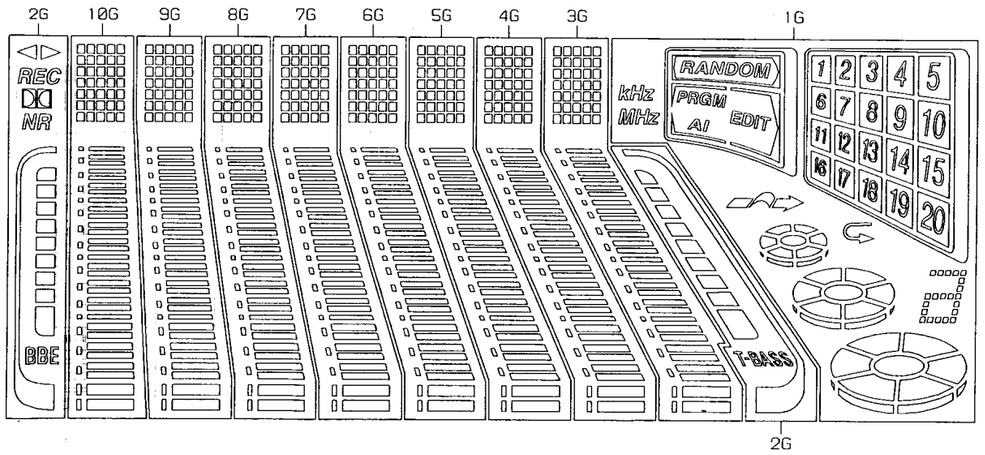
ANODE CONNECTION

	6G	5G	4G	3G	2G	1G
P1	–	–	–	S2	–	S8
P2	–	–	–	S3	–	S4
P3	–	–	–	B28	–	S10
P4	–	–	–	B29	–	S11
P5	–	–	–	B30	–	S12
P6	B1	B1	B1	B1	B1	S13
P7	B10	B10	B10	B10	B10	S14
P8	B19	B19	B19	B19	B19	S5
P9	B2	B2	B2	B2	B2	S15
P10	B11	B11	B11	B11	B11	S16
P11	B20	B20	B20	B20	B20	S17
P12	B3	B3	B3	B3	B3	S18
P13	B12	B12	B12	B12	B12	S19
P14	B21	B21	B21	B21	B21	S6
P15	B4	B4	B4	B4	B4	S20
P16	B13	B13	B13	B13	B13	S21
P17	B22	B22	B22	B22	B22	S22
P18	B5	B5	B5	B5	B5	S23
P19	B14	B14	B14	B14	B14	S24
P20	B23	B23	B23	B23	B23	S9
P21	B6	B6	B6	B6	B6	RT
P22	B15	B15	B15	B15	B15	EON
P23	B24	B24	B24	B24	B24	AG
P24	B7	B7	B7	B7	B7	RDS
P25	B16	B16	B16	B16	B16	MONO
P26	B25	B25	B25	B25	B25	BEAT
P27	B8	B8	B8	B8	B8	SEARCH
P28	B17	B17	B17	B17	B17	♭
P29	B26	B26	B26	B26	B26	♯
P30	B9	B9	B9	B9	B9	♫
P31	B18	B18	B18	B18	B18	((◉))
P32	B27	B27	B27	B27	B27	PHANTOM
P33	S1	S1	S1	S1	S1	S25
P34	S7	S7	S7	S7	S7	S26
P35	–	–	SLEEP	DOLBY PRO LOGIC	–	NORMAL
P36	–	–	◷	S33	–	S27
P37	–	–	REC	S34	–	S28
P38	–	–	–	–	–	3 STEREO
P39	–	–	–	–	–	S29
P40	–	–	–	–	–	S30
P41	–	–	–	–	–	♭ ♯
P42	–	–	–	–	–	S31
P43	–	–	–	–	–	S32
P44	–	–	–	–	–	VF
P45	–	–	–	–	–	AUTO
P46	–	–	–	–	–	♪

BJ733GK
ANODE CONNECTION

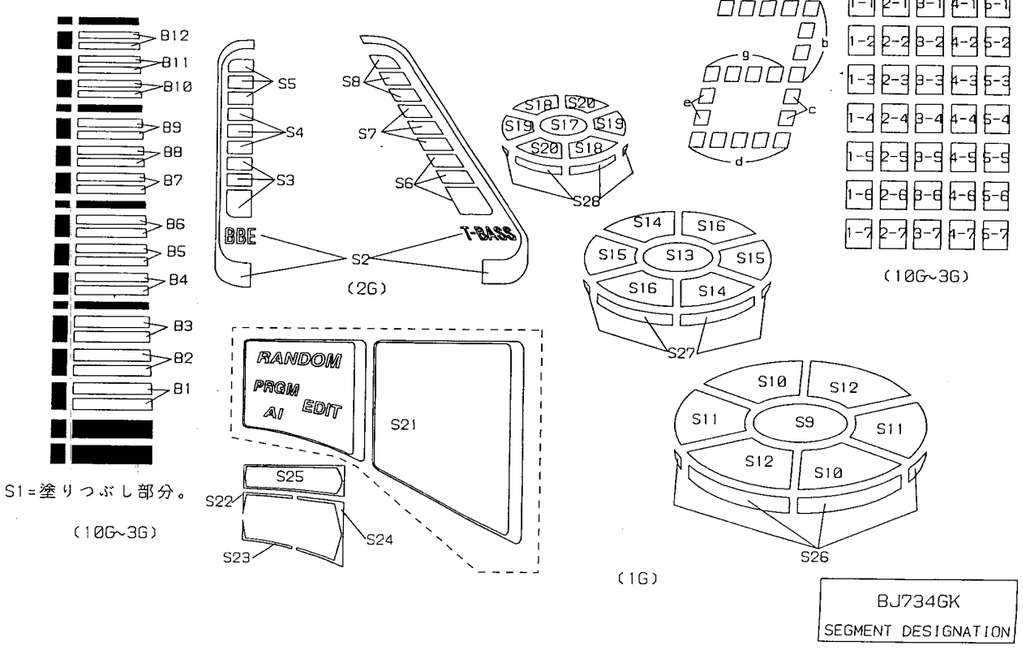
FL (BJ734GK) GRID ASSIGINMENT / ANODE CONNECTION

GRID ASSIGNMENT



BJ734GK
GRID ASSIGNMENT

SEGMENT DESIGNATION



BJ734GK
SEGMENT DESIGNATION

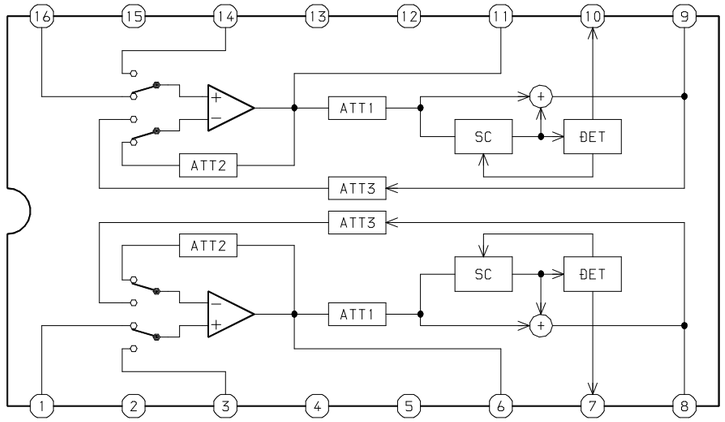
ANODE CONNECTION

	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	S1	S1	S1	S1	S1	S1	S1	S1	S2	S21
P2	B1	B1	B1	B1	B1	B1	B1	B1	S3	a, g, d
P3	B2	B2	B2	B2	B2	B2	B2	B2	S4	e
P4	B3	B3	B3	B3	B3	B3	B3	B3	S5	c
P5	B4	B4	B4	B4	B4	B4	B4	B4	-	b
P6	B5	B5	B5	B5	B5	B5	B5	B5	-	S26
P7	B6	B6	B6	B6	B6	B6	B6	B6	-	S9
P8	B7	B7	B7	B7	B7	B7	B7	B7	-	S10
P9	B8	B8	B8	B8	B8	B8	B8	B8	-	S11
P10	B9	B9	B9	B9	B9	B9	B9	B9	-	S12
P11	B10	B10	B10	B10	B10	B10	B10	B10	S6	S27
P12	B11	B11	B11	B11	B11	B11	B11	B11	S7	S13
P13	B12	B12	B12	B12	B12	B12	B12	B12	S8	S14
P14	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	NR	S15
P15	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	BBE	S16
P16	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	REC	S28
P17	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	◁	S17
P18	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	▷	S18
P19	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	-	S19
P20	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	-	S20
P21	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	-	↩
P22	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	-	↩↪
P23	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	-	5
P24	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	-	10
P25	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	-	5
P26	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	-	2
P27	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	-	4
P28	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	-	9
P29	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	-	4
P30	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	-	6
P31	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	-	3
P32	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	-	8
P33	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	-	0
P34	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	-	12
P35	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	-	2
P36	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	-	7
P37	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	-	8
P38	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	-	7
P39	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	-	1
P40	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	-	6
P41	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	-	11
P42	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	-	15
P43	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	-	S25
P44	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	-	S22
P45	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	-	S24
P46	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	-	S23
P47	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	-	kHz
P48	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	-	MHz

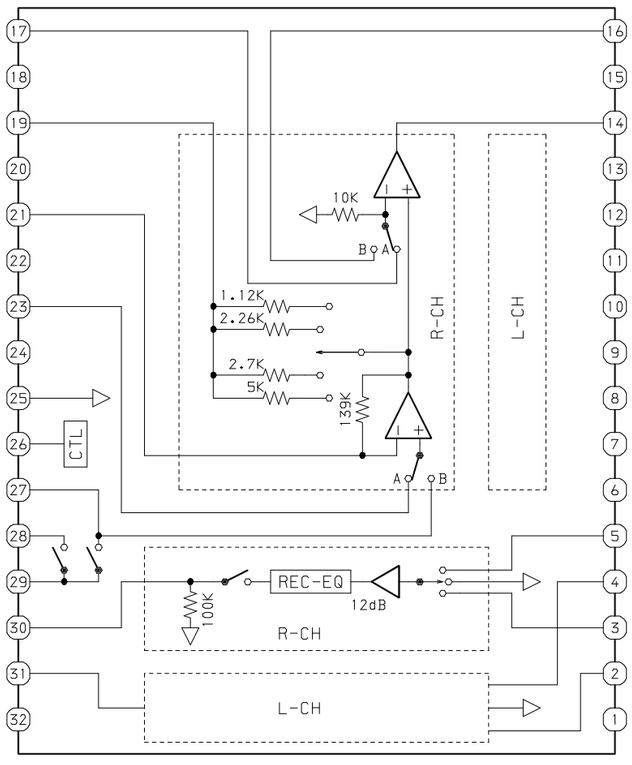
BJ734GK
ANODE CONNECTION

IC BLOCK DIAGRAM

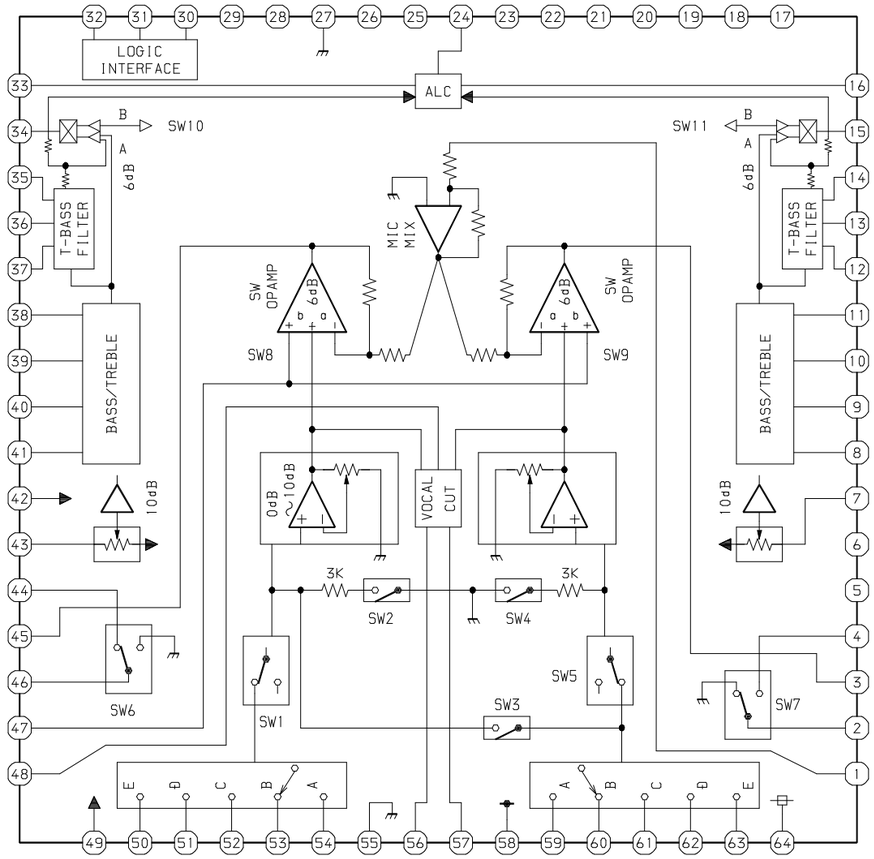
IC, CXA1553P



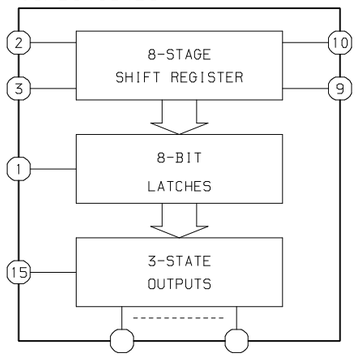
IC, BA7762AFS



IC, M62445AFP



IC, BU4094BCF

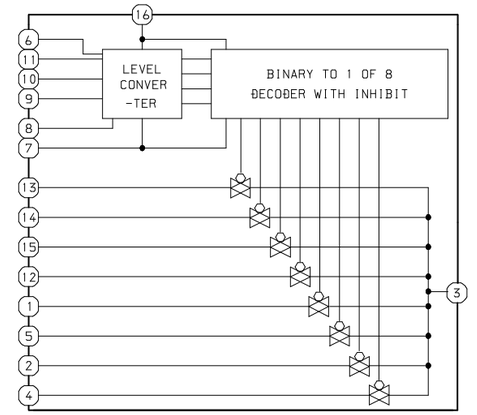


TRUTH TABLE

CLOCK	OUTPUT ENABLE	STROBE	DATA	PARALLEL OUTPUTS		SERIAL OUTPUTS	
				Q1	Qn	QS	Q'S
↑	L	×	×	Z	Z	Q7	NO CHG.
↓	L	×	×	Z	Z	NO CHG.	QS
↑	H	L	×	NO CHG.	NO CHG.	Q7	NO CHG.
↑	H	H	L	L	Qn-1	Q7	NO CHG.
↑	H	H	H	H	Qn-1	Q7	NO CHG.
↓	H	×	×	NO CHG.	NO CHG.	NO CHG.	QS

Z = HIGH IMPEDANCE
× = DON'T CARE

IC, HD74HC4051FP

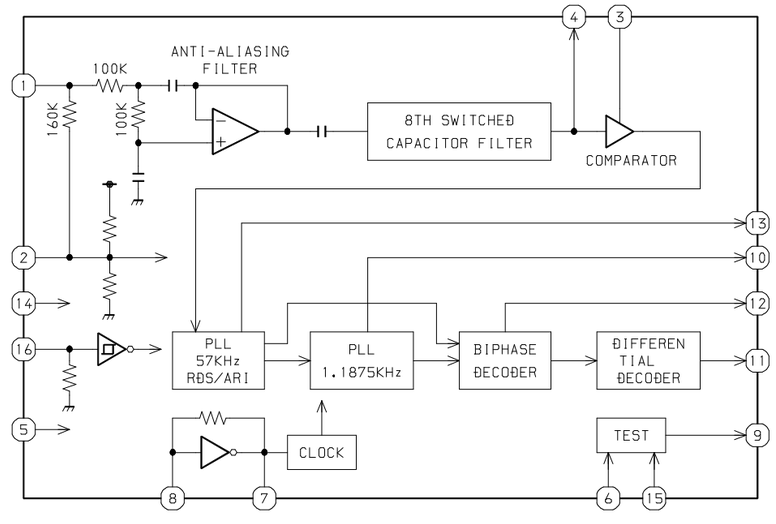


FUNCTION TABLE

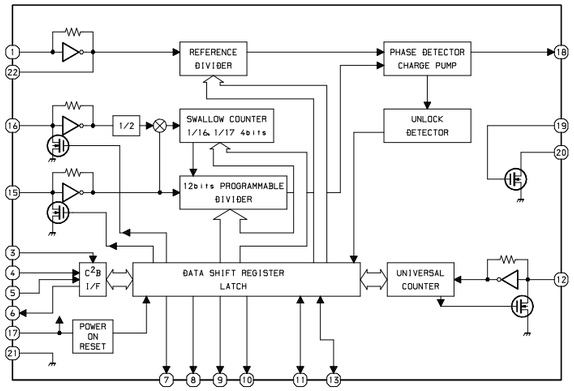
CONTROL INPUTS				ON SWITCH
INHIBIT	SELECT			
	C	B	A	
L	L	L	L	X0
L	L	L	H	X1
L	L	H	L	X2
L	L	H	H	X3
L	H	L	L	X4
L	H	L	H	X5
L	H	H	L	X6
L	H	H	H	X7
H	X	X	X	——

H:HIGH VOLTAGE LEVEL
L:LOW VOLTAGE LEVEL
X:IMMATERIAL

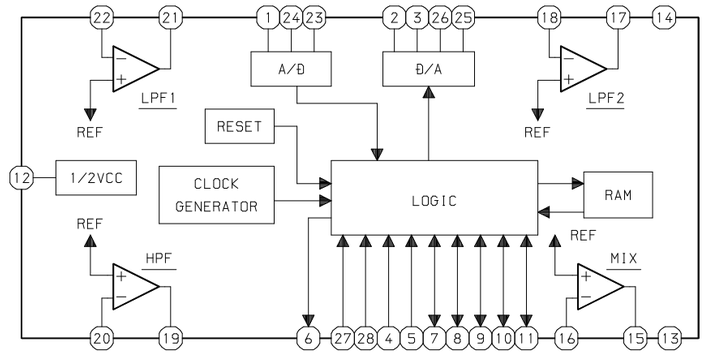
IC, BU1920FS



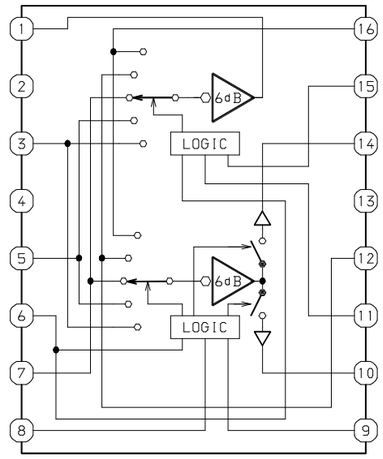
IC, LC72131Đ



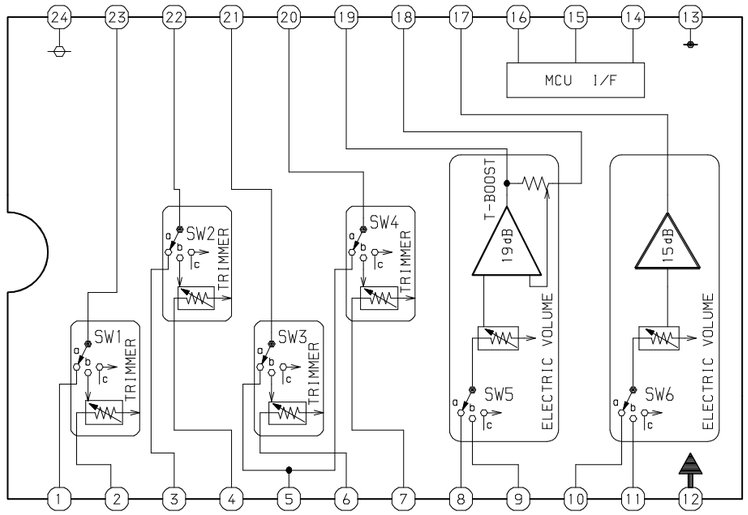
IC, M65847AFP



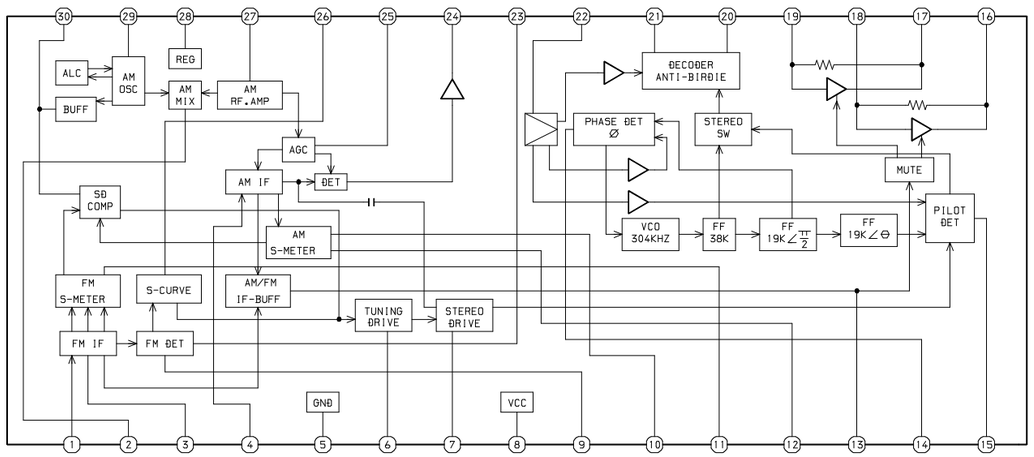
IC, BA7625



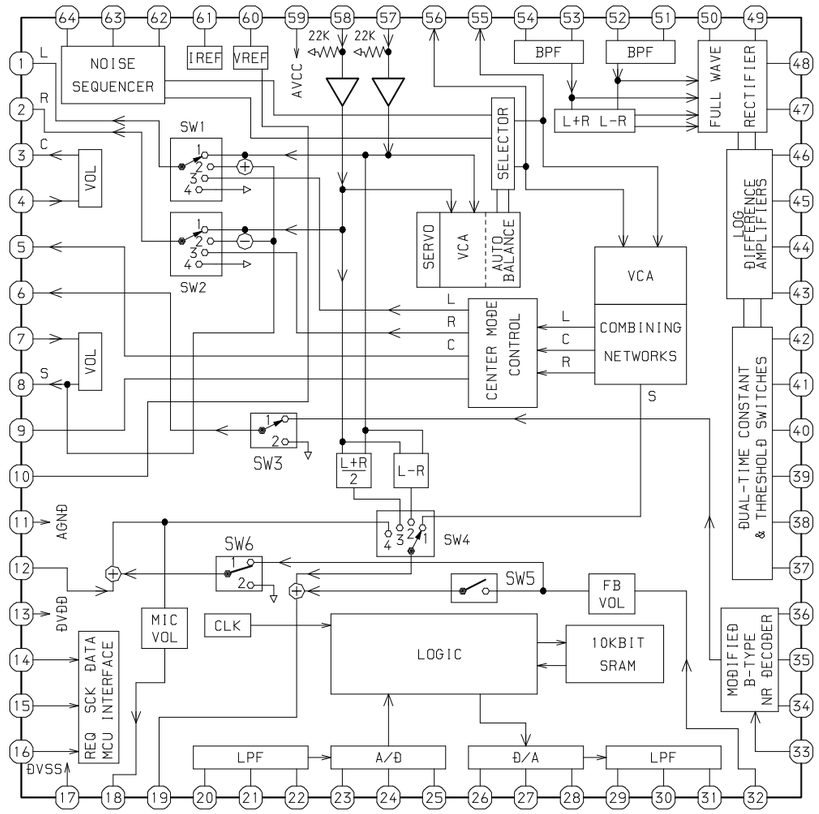
IC, M62491FP



IC, LA1837NL



IC, M62463AFP



IC DESCRIPTION

IC, LC87F65C8A

Pin No.	Pin Name	I/O	Description
1	CLK	O	Clock output for MAIN, FRONT IC.
2	DATA	O	Data output for MAIN, FRONT IC.
3	STB(M)	O	Strobe output for MAIN's IC.
4	SR-STB	O	Strobe output for video switch controller.
5	STB(FRONT)	O	Strobe output for FRONT LED controller.
6	RYM-CS / I-RDS-DATA	I	Rhythm IC's chip select / RDS data input (Not used).
7	PLL-CE	O	PLL chip enable output.
8	$\overline{\text{I-HP-MUTE}}$	I	Headphone input detect.
9	$\overline{\text{O-CLK-SHIFT}}$	O	Micon clock shift control.
10	I-MIC	I	Microphone input detect.
11	$\overline{\text{RESET}}$	I	Micon reset.
12	I-DISH	I	CD dish position input.
13	I-LVL-METER	I	Level meter (surround status) input.
14	VSS1	–	GND.
15	CF1	I	Micon clock (9.43MHz) input.
16	CF2	O	Micon clock (9.43MHz) output.
17	VDD1	–	5V supply.
18	$\overline{\text{I-HOLD}}$	I	AC detect and abnormal condition detect.
19	I-KEY1	I	AD key input 1.
20	I-KEY2	I	AD key input 2.
21	I-KEY3	I	AD key input 3.
22	I-CDSW	I	CD tray position detect.
23	I-RTVR	I	Rotary encoder volume input.
24	I-JOG	I	Rotary encoder jog dial input.
25	I-TU-SIG / $\overline{\text{I-MS}}$	I	Tuner signal indicator input / MS detect.
26	I-SPEANA	I	Spectrum analyzer level input.
27	I-TM-BASE	I	Time base input for clock.
28	I-WRQ / RDS-CLK	I	CD WRQ input / RDS clock input.
29	$\overline{\text{I-RMC}}$	I	Remote commander signal input.
30	O-GON	O	FL grid driver control.
31	O-GSEL	O	FL grid driver control.
32	O-GA	O	FL grid driver control.
33	O-GB	O	FL grid driver control.
34	O-GC	O	FL grid driver control.
35 ~ 45	P48 ~ P38	O	FL segment driver output.
46	VDD3	–	5V supply.
47	P37 / SPEANA-A	O/I	FL segment driver output / Spectrum analyzer input timing control-A.
48	P36 / SPEANA-B	O/I	FL segment driver output / Spectrum analyzer input timing control-B.
49	P35 / SPEANA-C	O/I	FL segment driver output / Spectrum analyzer input timing control-C.
50	P34 / LVL-A	O/I	FL segment driver output / Level meter input timing control-A.

Pin No.	Pin Name	I/O	Description
51	–VP	–	–30V supply.
52	P33 / LVL-B	O/I	FL segment driver output / Level meter input timing control-B.
53	P32 / LVL-C	O/I	FL segment driver output / Level meter input timing control-C.
54	P31 / RHYTHM	O/I	FL segment driver output / Initial select rhythm.
55	P30	O	FL segment driver output.
56	P29 / 9K	O/I	FL segment driver output / Initial select 9K (not used).
57	P28 / V	O/I	FL segment driver output / Initial select V model (not used).
58	P27 / RDS	O/I	FL segment driver output / Initial select RDS (not used).
59	P26 / K-CON	O/I	FL segment driver output / Initial select key control.
60	P25 / ECO-OFF	O/I	FL segment driver output / Initial select ECO mode off.
61 ~ 62	P24 ~ P23	O	FL segment driver output.
63	P22 / $\overline{\text{D-SW}}$	O/I	FL segment driver output / Deck tray switch detect.
64	P21 / $\overline{\text{CST}}$	O/I	FL segment driver output / Cassette detect.
65	P20 / $\overline{\text{REB}}$	O/I	FL segment driver output / Record enable switch-B side detect.
66	P19 / $\overline{\text{CAM}}$	O/I	FL segment driver output / Deck cam switch detect.
67	P18 / $\overline{\text{AUTO}}$	O/I	FL segment driver output / Deck auto pulse detect.
68	P17 / $\overline{\text{REA}}$	O/I	FL segment driver output / Record enable switch-A side detect.
69 ~ 71	P16 ~ P14	O	FL segment driver output.
72	VDD4	–	5V supply.
73 ~ 84	P13 ~ P2	O	FL segment driver output.
85	$\overline{\text{O-KSCAN}}$	O	Key scan driver control.
86	TRAY CLOSE`	O	CD tray control close.
87	TRAY OPEN	O	CD tray control open.
88	DISH-FWD	O	CD dish control forward.
89	VSS2	–	GND.
90	VDD2	–	5V supply.
91	$\overline{\text{O-MOTOR}}$	O	Deck motor control.
92	$\overline{\text{SOL1}}$	O	Deck plunger conotrol.
93	O-MUTE	O	System mute control.
94	O-POWER	O	System power control.
95	DISH-REV	O	CD dish control reverse.
96	O-CDCLK	O	Clock for CD.
97	I-STEREO / I-DRF	I	Stereo detect input / CD DRF input.
98	O-DATA	O	Data output for CD.
99	I-IFC / I-SUBQ	I	IF count input / CD SUB-Q input.
100	O-CDCE	O	CD chip enable output.

<table>
<tr><th>Pin No.</th><th>Pin Name</th><th>I/O</th><th>Description</th></tr>
<tr><td>1</td><td>XIN</td><td>I</td><td rowspan="2">A crystal oscillator (4.5MHz) is connected between these pins.</td></tr>
<tr><td>22</td><td>XOUT</td><td>O</td></tr>
<tr><td>2</td><td>NC</td><td>–</td><td>Not connected.</td></tr>
<tr><td>3</td><td>CE</td><td>I</td><td>To enable the IC. Active "H".</td></tr>
<tr><td>4</td><td>DI</td><td>I</td><td>Digital data input from CPU (LC87F65C8A) when relevant key is operated.
Active "H".</td></tr>
<tr><td>5</td><td>CL</td><td>I</td><td>To clock in the data DI.</td></tr>
<tr><td>6</td><td>DO</td><td>O</td><td>Digital data output to CPU (LC87F65C8A).</td></tr>
<tr><td>7</td><td>T-BASE</td><td>O</td><td>Outputs a reference clock signal (8Hz) for the clock.</td></tr>
<tr><td>8</td><td>$\overline{\text{MONO}}$ / BEAT</td><td>O</td><td>Outputs "H" when MONO / BEAT is switched.</td></tr>
<tr><td>9</td><td>$\overline{\text{FM}}$ / $\overline{\text{SW}}$</td><td>O</td><td>Output "L" or "H" as follows:
<table>
<tr><th colspan="2">2 BAND</th><th colspan="3">3 BAND</th><th colspan="3">3 BAND</th></tr>
<tr><th>AM</th><th>FM</th><th>LW</th><th>MW</th><th>FM</th><th>MW</th><th>SW</th><th>FM</th></tr>
<tr><td>H</td><td>L</td><td>H</td><td>H</td><td>L</td><td>H</td><td>L</td><td>L</td></tr>
</table></td></tr>
<tr><td>10</td><td>$\overline{\text{MW}}$ / SW</td><td>O</td><td>Outputs "L" or "H" as follows:
<table>
<tr><th colspan="2">2 BAND</th><th colspan="3">3 BAND</th><th colspan="3">3 BAND</th></tr>
<tr><th>AM</th><th>FM</th><th>LW</th><th>MW</th><th>FM</th><th>MW</th><th>SW</th><th>FM</th></tr>
<tr><td>L</td><td>L</td><td>H</td><td>L</td><td>L</td><td>L</td><td>H</td><td>L</td></tr>
</table></td></tr>
<tr><td>11</td><td>IF-MUTE</td><td>O</td><td>To control internal counter.</td></tr>
<tr><td>12</td><td>IF-IN</td><td>I</td><td>General purpose counter input.</td></tr>
<tr><td>13</td><td>$\overline{\text{TUNE}}$</td><td>I</td><td>Receives "L" when station is tuned.</td></tr>
<tr><td>14</td><td>NC</td><td>–</td><td>Not connected.</td></tr>
<tr><td>15</td><td>AMIN</td><td>I</td><td>Receives the AM local oscillator frequency signal.</td></tr>
<tr><td>16</td><td>FMIN</td><td>I</td><td>Receives the FM local oscillator frequency signal.</td></tr>
<tr><td>17</td><td>VDD</td><td>–</td><td>Supply power to IC (+5V).</td></tr>
<tr><td>18</td><td>PD</td><td>O</td><td>PLL charge pump output.</td></tr>
<tr><td>19</td><td>AIN</td><td>I</td><td rowspan="2">The MOS transistor used for PLL active low pass filter.</td></tr>
<tr><td>20</td><td>AOUT</td><td>O</td></tr>
<tr><td>21</td><td>VSS</td><td>–</td><td>Ground.</td></tr>
</table>

ADJUSTMENT – 1 <DECK / FRONT>

< DECK SECTION >

1. Tape Speed Adjustment
   Settings : • Test tape : TTA–100
   • Test point : TP3 (Lch), TP4 (Rch)
   • Adjustment location : SFR1
   Method : Play back the test tape and adjust SFR1 so that the test point becomes 3000Hz ± 5Hz (FWD) and FWD SPEED ± 45Hz (REV).

2. Head Azimuth Adjustment
   Settings : • Test tape : TTA–330
   • Test point : TP3 (Lch), TP4 (Rch)
   • Adjustment location : Head azimuth adjustment screw
   Method : Play back the 8kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on each FWD and REV PLAY mode.

3. PB Frequency Response Check
   Settings : • Test tape : TTA–330
   • Test point : TP3 (Lch), TP4 (Rch)
   Method : Play back the 315Hz and 8kHz signals of the test tape and check that the output ratio of the 8kHz signal with respect to that of the 315Hz signal is 0dB ± 3dB.

4. PB Sensitivity Adjustment
   Settings : • Test tape : TTA–200
   • Test point : TP3 (Lch), TP4 (Rch)
   • Adjustment location : SFR303 (Lch)
   SFR304 (Rch)
   Method : Play back the 400Hz signal of the test tape and adjust SFRs so that the output level at TP3, TP4 is 245mV ± 10 mV.

5. REC/PB Frequency Response Adjustment
   Settings : • Test tape : TTA–602 (NORMAL)
   • Test point : TP3 (Lch), TP4 (Rch)
   • Input signal : 1kHz/10kHz (–20VU)
   • Adjustment location : SFR351 (Lch)
   SFR352 (Rch)
   Method : Apply a 1kHz signal and REC mode.
   Then adjust OSC attenuator so that the output level at the TP3, TP4 becomes 17mV. Record and play back the 1kHz and 10kHz signals and adjust SFRs so that the output level of the 10kHz signal becomes 0dB ± 0.5dB with respect to that of the 1kHz signal.

6. REC/PB Sensitivity Adjustment
   Settings : • Test tape : TTA–602 (NORMAL)
   • Test point : TP3 (Lch), TP4 (Rch)
   • Input signal : 1kHz (0VU)
   • Adjustment location : SFR305 (Lch)
   SFR306 (Rch)
   Method : Apply a 1kHz signal and REC mode.
   Then adjust OSC attenuator so that the output level at the TP3, TP4 becomes 170mV.Record and play back the 1kHz signal and adjust SFRs so that the output level is 0dB ± 0.5dB.

< FRONT SECTION >

7. μ-con Clock Adjustment
   Settings : • Test point : TP10 (K-SCAN)
   TP11 (GND)
   • Adjustment location : L101
   Method : Insert AC plug while pressing the TUNER function key and POWER key.
   Connect a frequency counter across TP10 and TP11.
   Then adjust L101 so that the test point becomes 167.06Hz ± 0.17Hz.

ADJUSTMENT – 2 <TUNER>

< TUNER SECTION >

1. Clock Frequency Check
   Settings : • Test point : TP2 (CLK)
   Method : Set to AM 1710kHz and check that the test point is 2160kHz ± 45Hz.

2. AM VT Check
   Settings : • Test point : TP1 (VT)
   Method : Set to AM 1710kHz and check that the test point is less than 8.5V. Then set to AM 530kHz and check that the test point is more than 0.6V.

3. AM Tracking Adjustment
   Settings : • Test point : TP8 (Lch), TP9 (Rch)
   • Adjustment location : L981 (1/3)
   Method : Set to AM 1000kHz and adjust L981 (1/3) so that the test point becomes maximum.

4. AM IF Adjustment
   Settings : • Test point : TP8 (Lch), TP9 (Rch)
   • Adjustment location :
   L772 ..... 450kHz

5. FM VT Check
   Settings : • Test point : TP1 (VT)
   Method : Set to FM 108.0MHz and check that the test point is less than 8.0V. Then set to FM 87.5MHz and check that the test point is more than 0.5V.

6. FM Tracking Check
   Settings : • Test point : TP8 (Lch), TP9 (Rch)
   Method : Set to FM 98.0MHz and check that the test point is less than 9dBμV.

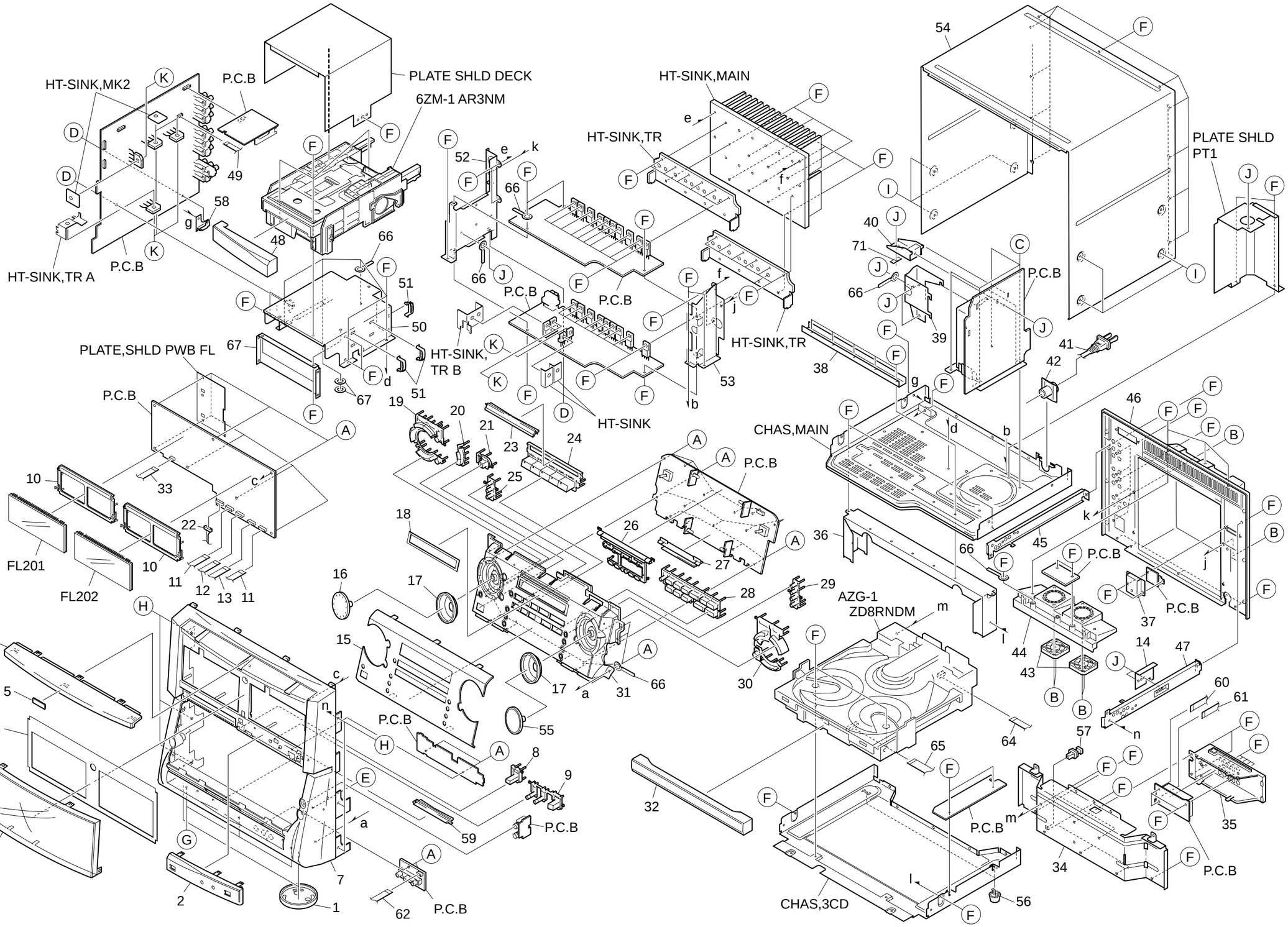
7. DC Balance / Mono Distortion Adjustment
   Settings : • Test point : TP3,TP4 (DC balance)
   • Adjustment location : L771
   • Input level : 60dBμV
   Method : Set to FM 98.0MHz and adjust L771 so that the voltage between TP3 and TP4 becomes 0V ± 0.04V.
   Next, check that the distortion is less than 1.3%.

8. Output Level Check
   <AM>
   Settings : • Test point : TP8 (Lch), TP9 (Rch)
   Method : Set to AM 1000kHz and check that the test point is 130mV ± 3dB.

   <FM>
   Settings : • Test point : TP8 (Lch), TP9 (Rch)
   Method : Set to FM 98.0MHz and check that the test point is 520mV ± 3dB.

9. FM Separation Check
   Settings : • Test point : TP8 (Lch), TP9 (Rch)
   • Input level : 60dBμV
   Method : Set to FM 98.0MHz and check that the test point is more than 25dB.

MECHANICAL EXPLODED VIEW 1 / 1



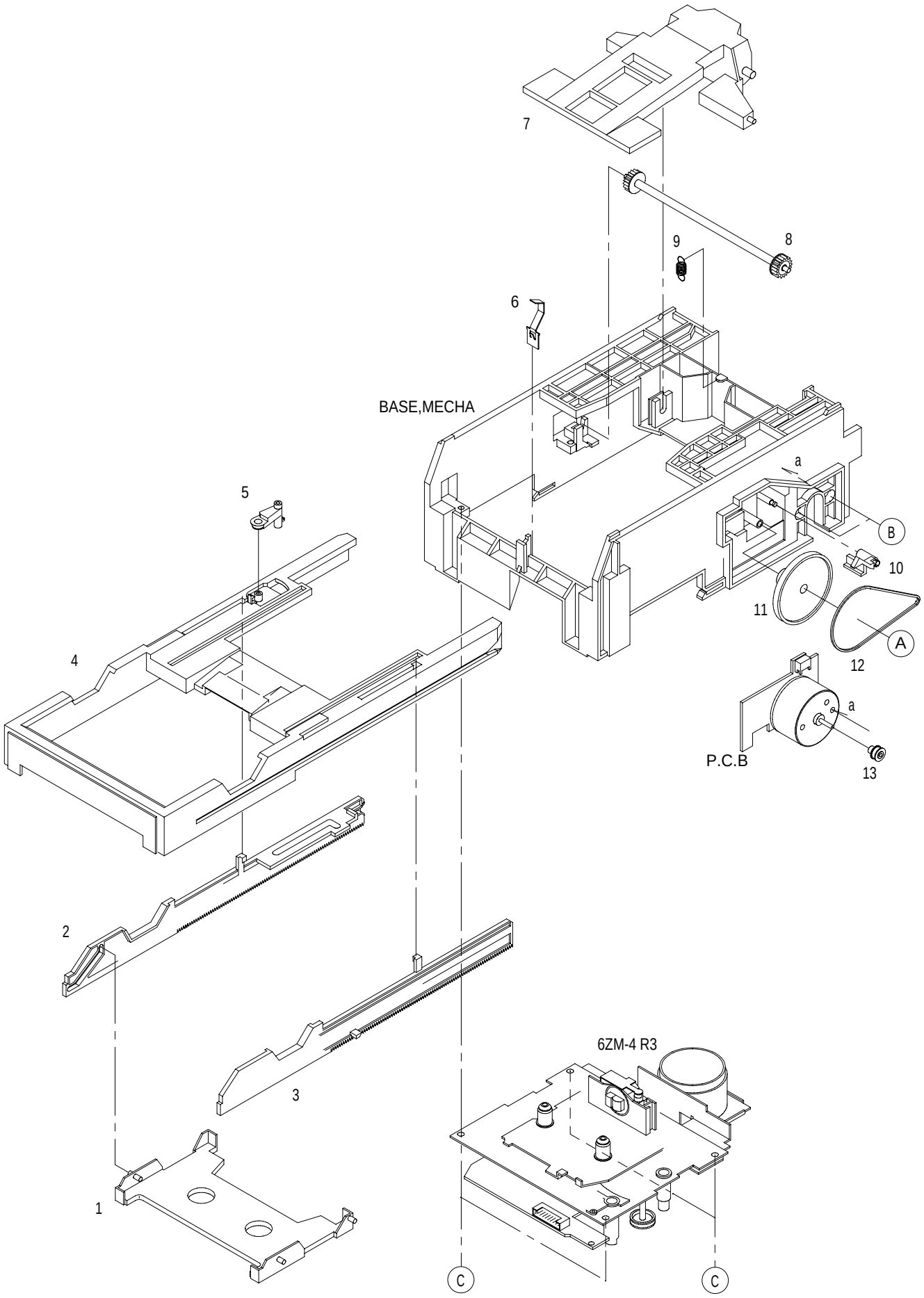
MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	88-NF3-090-010		RING,FOOT
2	8A-MTM-043-010		PANEL,DOLBY
3	8A-MTM-037-110		WINDOW,AMP
4	8A-MTM-038-110		PLATE,FL
5	87-B00-002-010		BADGE,AIWA 30 ABS SIL
6	8A-MTM-042-010		PANEL,WINDOW
7	8A-MTM-001-110		CABI,FR
8	8A-MTM-011-010		KEY,OPEN
9	8A-MTM-010-010		KEY,DOLBY
10	8Z-NF3-210-010		GUIDE,FL
11	88-913-301-110		FF-CABLE,13P-1.25
12	88-915-161-110		FF-CABLE, 15P 1.25
13	88-917-331-110		FF-CABLE,17P 1.25 330MM
14	8A-MTM-227-010		COVER, PWB PT
15	8A-MHM-001-010		PANEL,FR 2(HR)
16	8A-MTM-032-010		KNOB,RTRY JOG
17	8A-MTM-029-010		RING,VOL
18	8A-MTM-033-010		PLATE,FUN
19	8A-MTM-013-010		KEY,ENTER
20	8A-MTM-014-010		KEY,RHYTHM
21	8A-MTM-069-010		KEY,ASSY POWER
22	8A-MTM-645-110		CONN ASSY,9P DECK-MECHA
23	8A-MTM-055-010		REFLECTOR,AMP
24	8A-MTM-070-010		KEY,ASSY FUN
25	8A-MTM-063-010		KEY,VF(3)
26	8A-MTM-212-010		GUIDE,PLAY
27	8A-MTM-214-110		GUIDE,REFLECTOR CD
28	8A-MTM-072-010		KEY,ASSY PLAY U
29	8A-MTM-019-010		KEY,VF
30	8A-MTM-020-010		KEY,BBE
31	8A-MTM-061-010		PANEL,FR (21 EZ)
32	8A-MHM-005-010		PANEL,TRAY CD H21
33	88-904-401-110		FF-CABLE,4P 1.25
34	8A-MHM-002-010		PANEL,REAR CD H21
35	8A-MTM-064-010		HLDR,PIN JACK
36	8A-MTM-208-010		HLDR,CHAS A
37	8A-MTM-218-010		COVER, VOLTAGE
38	8A-MTM-209-010		HLDR,CHAS B
39	8A-MTM-220-010		HLDR,PWB PT-M
40	8A-MTM-219-010		HLDR,PWB PT-S
⚠ 41	8A-MTM-649-010		AC CORD ASSY,EKH BLK
42	88-NF9-210-010		BUSHING,CORD-E
43	87-A90-796-010		FAN,F614R-12MC-19-240MM
44	8A-MTM-052-010		HLDR,FAN
45	88-MA1-208-210		JOINT,CABI
46	8A-MTM-006-010		CABI,REAR LH
47	8A-MTM-223-010		JOINT,CABI 2
48	8A-MTM-041-010		PANEL,TRAY DECK
49	88-906-701-110		FF-CABLE, 6P 1.25 700MM
50	8A-MTM-204-010		HLDR,DECK
51	87-NF4-221-010		HLDR,CABLE
52	8A-MTM-207-010		HLDR,HT-SINK B
53	8A-MTM-206-110		HLDR,HT-SINK A
54	8A-MTM-005-010		CABI,STEEL
55	8A-MTM-031-010		KNOB,RTRY VOL
56	87-MA3-062-010		FOOT, H17
57	84-ZG1-245-210		CAP,OPTICAL
58	8A-MTM-205-010		HLDR,PWB MAIN
59	8A-MTM-056-010		REFLECTOR,CD
60	88-915-751-110		FF-CABLE,15P 1.25 750MM
61	88-907-271-110		FF-CABLE, 7P 1.25
62	88-905-281-110		FF-CABLE, 5P 1.25 280MM
63	8A-MTM-228-010		HLDR,DECK 2
64	88-906-231-110		FF-CABLE, 6P 1.25 230MM
65	88-913-221-110		FF-CABLE, 13P 1.25 220MM
66	87-064-185-010		HLDR,WIRE
67	85-NF7-599-010		PVCW 3.2-8-0.3
A	87-078-060-010		BVIT3PB+3-10
B	87-067-822-010		BVT2+3-20 W/O SLOT
C	87-078-191-010		S-SCREW,IT+4-10
D	87-NF4-224-010		S-SCREW,IT3B+3-8 CU
E	81-MK1-210-010		S-SCREW,VFT2+3-16
F	87-067-703-010		TAPPING SCREW, BVT2+3-10
G	87-067-689-010		TAPPING SCREW, BVTT+3-8
H	87-591-095-410		TAPPING SCREW, QIT+3-8 (GLD)
I	87-067-761-010		TAPPING SCREW, BVT2+3-10
J	87-067-688-010		BVTT+3-6
K	87-067-579-010		TAPPING SCREW, BVT2+3-8

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink

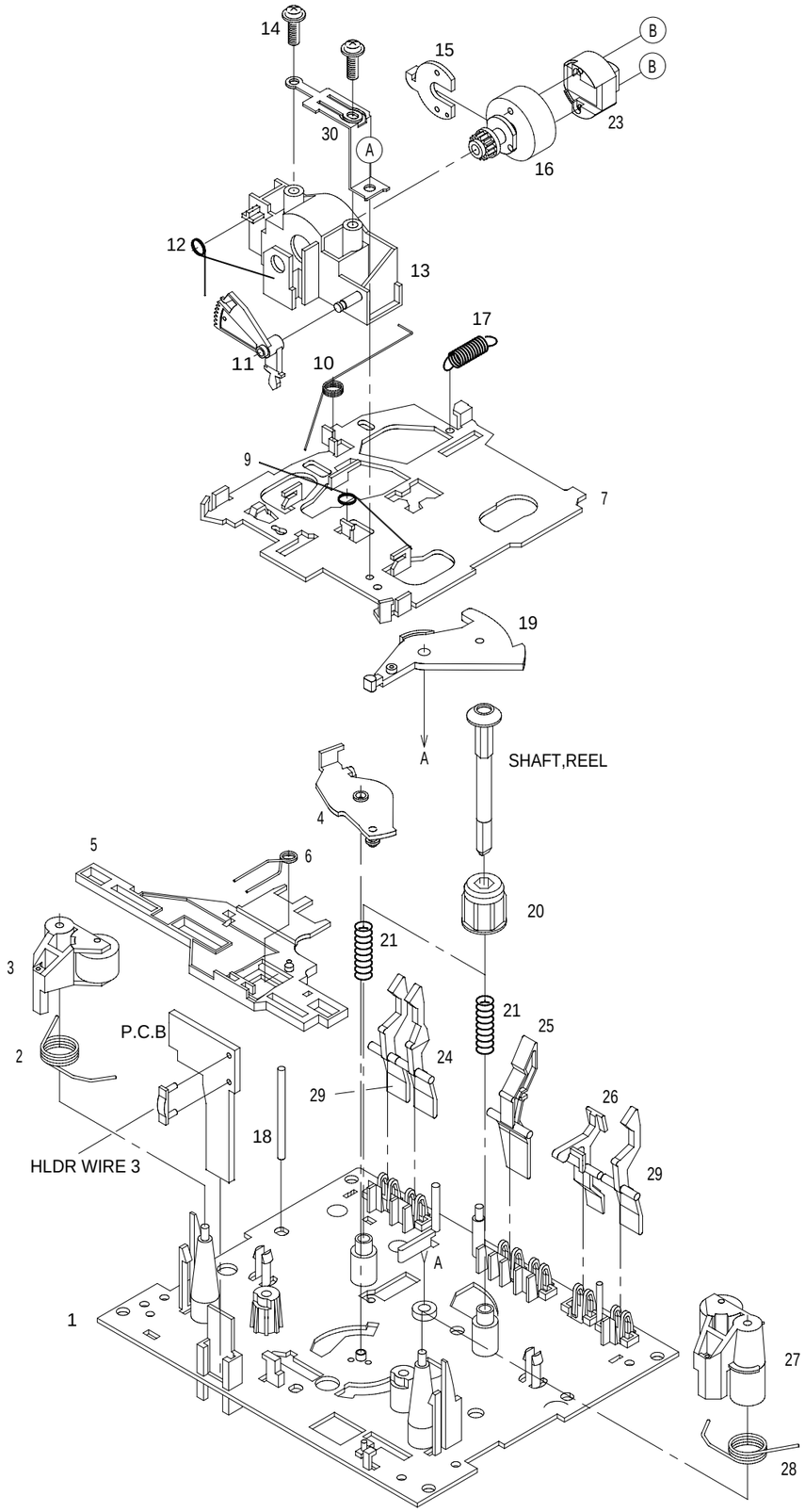
TAPE MECHANISM EXPLODED VIEW 1 / 2

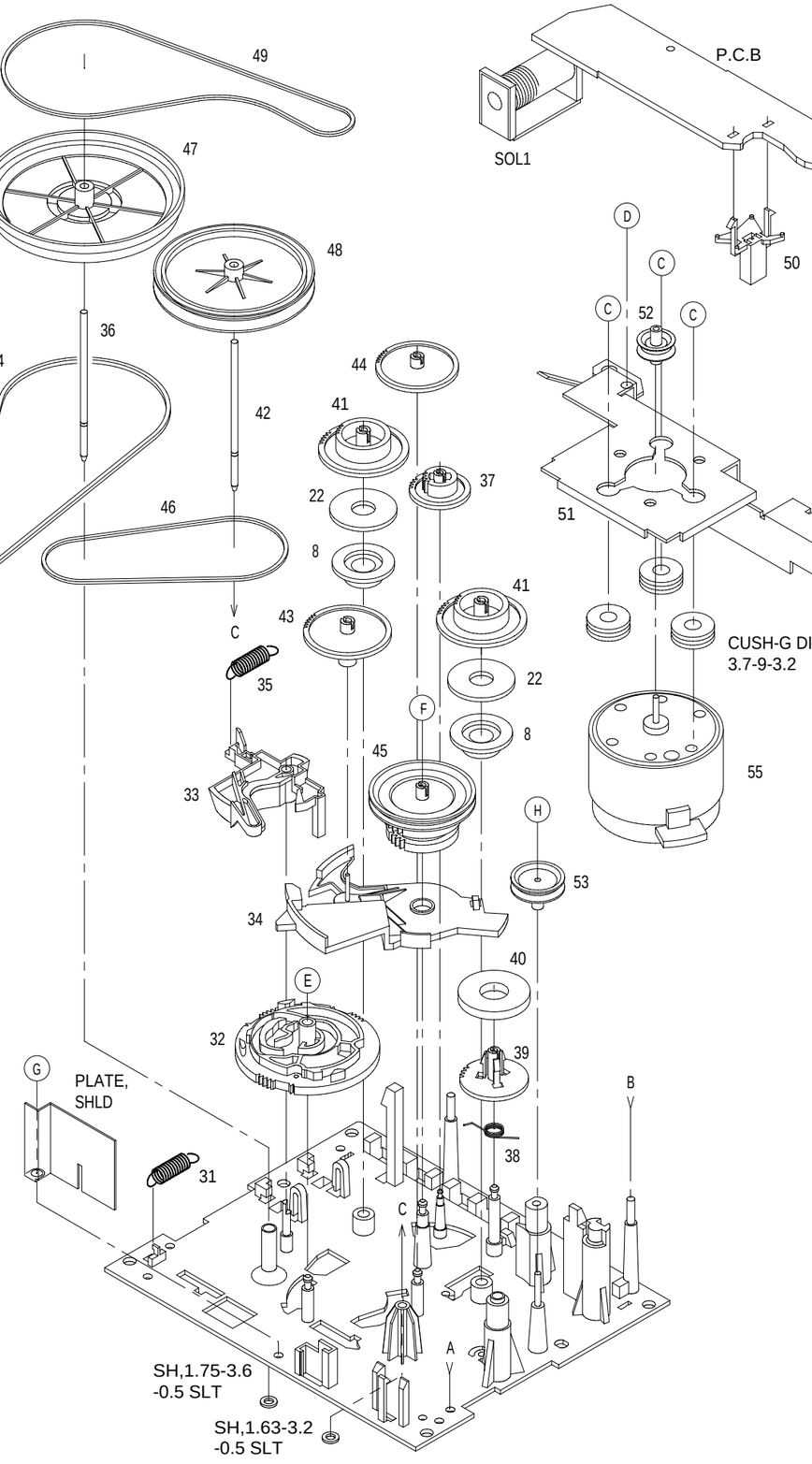


TAPE MECHANISM PARTS LIST 1 / 2

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	86-ZL1-203-010		TRAY,CAS
2	86-ZL1-204-010		LEVER,SLIDE L
3	86-ZL1-205-010		LEVER,SLIDE R
4	86-ZL1-202-010		FRAME,CAS
5	86-ZL1-209-010		LEVER,LOCK
6	86-ZL1-214-010		SPR-P,CAS
7	86-ZL1-211-010		ARM,CLAMP
8	86-ZL1-206-010		GEAR,TRAY
9	86-ZL1-213-010		SPR-E,CLAMP
10	86-ZL1-208-010		LEVER,SW
11	86-ZL1-207-010		GEAR,PULLEY
12	86-ZL1-212-010		BELT,L
13	86-ZL1-210-010		PULLEY,MOT
A	83-ZG3-217-010		S-SCREW,GEAR D
B	87-251-072-410		U+2.6-5
C	87-067-660-010		BVT2+3-8 W/0 SL0T BLK

TAPE MECHANISM EXPLODED VIEW 2 / 2





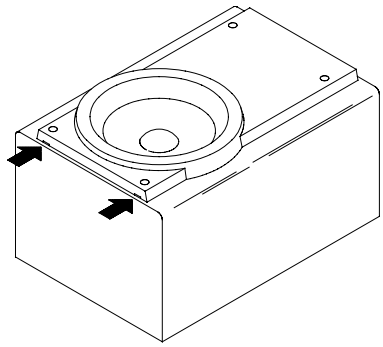
TAPE MECHANISM PARTS LIST 2 / 2

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	86-ZM1-218-010		CHAS ASSY,R
2	82-ZM1-258-110		SPR-T,PINCH L
3	86-ZM4-202-019		LVR ASSY,PINCH L3
4	82-ZM1-333-010		PLATE,LINK2
5	82-ZM1-266-110		LVR,DIR
6	82-ZM1-214-010		SPR-T,DIR
7	82-ZM1-206-910		CHAS,HEAD
8	86-ZM1-219-010		CLR,REEL SLIP
9	82-ZM1-269-210		SPR-T,BRG
10	82-ZM3-323-010		SPR-T,LINK 3
11	82-ZM1-210-110		GEAR,H T
12	82-ZM1-213-010		SPR-T,HEAD
13	82-ZM1-207-710		GUIDE,TAPE
14	82-ZM1-283-310		S-SCREW,AZIMUTH
15	82-ZM1-314-110		PLATE,HEAD
16	82-ZM1-208-310		HLDR,HEAD
17	82-ZM1-218-010		SPR-E,HB
18	82-ZM3-327-010		SHAFT,COUPLER N2
19	82-ZM1-222-210		LVR,PLAY
20	86-ZM1-203-010		CAP,REEL
21	86-ZM1-221-010		SPR-C,BT 2L
22	86-ZM1-220-010		FELT,DIA 5.3-14-0.8
23	87-046-399-110		HEAD,RPH YK56R-BS409
24	82-ZM1-241-310		LVR,MC
25	82-ZM1-242-010		LVR,CAS
26	82-ZM1-243-010		LVR,STOP
27	86-ZM4-204-019		LVR ASSY,PINCH R3
28	82-ZM1-259-110		SPR-T,PINCH R
29	82-ZM1-240-110		LVR,REC
30	82-ZM1-298-010		SPR-P EARTH
31	82-ZM1-255-310		SPR-E,LVR DIR
32	82-ZM1-221-110		GEAR,CAM
33	82-ZM1-227-210		LVR,TRIG
34	82-ZM1-224-410		LVR,FR
35	86-ZM4-201-010		SPR-E,TRIG 3
37	82-ZM1-223-010		GEAR,PLAY
38	82-ZM1-322-010		SPR-T,FR 60
39	82-ZM1-220-210		GEAR,IDLER
40	82-ZM1-316-010		RING,MAGNET 3
41	82-ZM1-216-310		GEAR,REEL
43	82-ZM1-225-210		GEAR,FR
44	82-ZM1-226-010		GEAR,REW
45	82-ZM3-333-210		SLIP DISK ASSY 2
46	82-ZM1-338-110		BELT,FR 4
47	09-001-420-010		FLY-WHL ASSY,R3W
48	82-ZM3-207-510		FLY-WHL ASSY,L2
49	86-ZM1-206-010		BELT,MAIN L
50	82-ZM1-245-210		HLDR,IC
51	86-ZM1-215-010		HLDR,MOT L
52	82-ZM1-247-210		PULLEY,MOTOR
53	82-ZM3-335-010		PULLEY,COUPLER M3
54	86-ZM1-217-010		BELT,MOT
55	87-A90-343-010		MOT,SHU2R 70
A	82-ZM1-315-010		S-SCREW GUIDE TAPE
B	80-ZM6-207-010		V+1.6-7
C	82-ZM3-318-110		S-SCREW MOTOR M2
D	87-067-178-010		VTT+2.6-3
E	87-B10-008-010		W-P,2.08-8-0.4 SLIT
F	82-ZM3-334-010		PW,2.16-6-0.4
G	87-571-032-410		VIT+2-3
H	87-B10-043-010		W-P,0.99-4-0.25 SLT

SPEAKER DISASSEMBLY INSTRUCTIONS

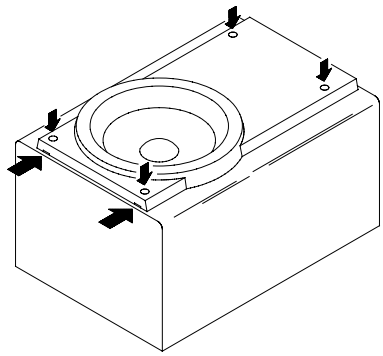
Type.1

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.



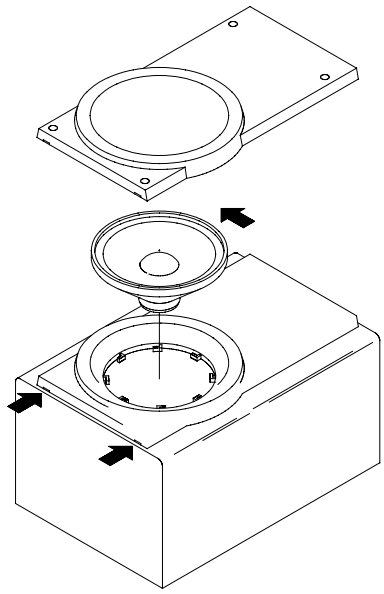
Type.2

Remove the grill frame and four pieces of rubber caps by pulling out with a flat-bladed screwdriver. Remove the screws from hole where installed rubber caps. Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.

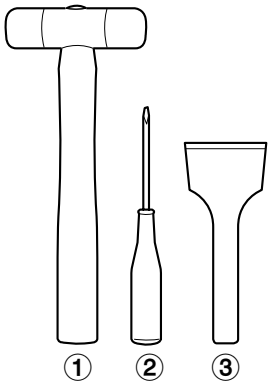


Type.3

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Turn the speaker unit to counter-clockwise direction while inserting a flat-bladed screwdriver into one of the hollows around speaker unit, and then remove the speaker unit. After replacing the speaker unit, install it turning to clockwise direction until "click" sound comes out.



Type.4



TOOLS

① Plastic head hammer
② (⊖) flat head screwdriver
③ Cut chisel

How to Remove the PANEL, FR

1. Insert the (⊖) flat head screwdriver tip into the gap between the PANEL, FR and the PANEL, SPKR. Tap the head of the (⊖) flat head screwdriver with the plastic hammer head, and create the clearance as shown in Fig-1.

2. Insert the cut chisel in the clearance, and tap the head of the cut chisel with plastic hammer as shown in Fig-2, to remove the PANEL, FR.

3. Place the speaker horizontally. Tap head of the cut chisel with plastic hammer as shown in Fig-3, and remove the PANEL, FR completely.

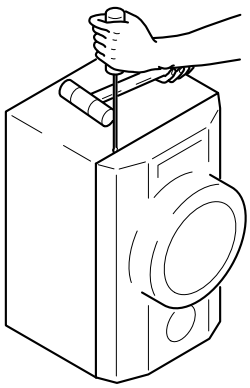


Fig-1

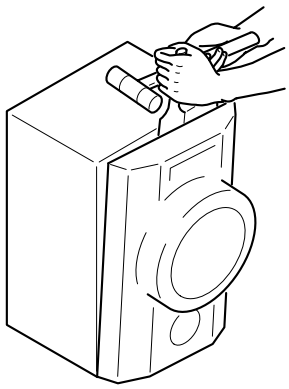


Fig-2

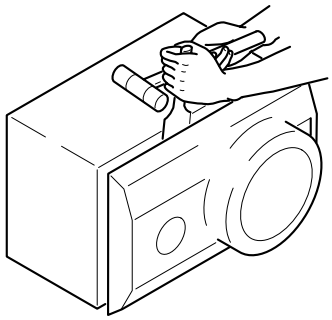


Fig-3

How to Attach the PANEL, FR

Attach the PANEL, FR to the PANEL, SPKR. Tap the four corners of the PANEL, FR with the plastic hammer to fit the PANEL, FR into the PANEL, SPKR completely.

SPEAKER PARTS LIST (SX–WA1000) <YJSL>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-MS1-001-010		PANEL,FR
2	8A-MS1-004-110		PANEL,TW
3	8A-MS1-005-010		PANEL,DUCT
4	8A-MS1-006-010		GRILLE,FRAME ASSY
5	8A-MS1-602-010		SPKR,W 200
6	8A-MS1-603-010		SPKR,W 160
7	88-NS5-605-110		SPKR,T 60
8	88-MS1-608-010		SPKR,CERAMIC
9	88-NS5-611-010		CORD,SPKR B/L
10	88-MS1-610-010		CORD,SPKR

SPEAKER PARTS LIST (SX–CR1800) <YJSC>

NOTE: This SX-CR1800 Speaker contains SX-C1800 (Center Speaker) and SX-R1800 (Rear Speaker)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-AS4-602-010		SPKR,100<C1800>
2	8A-AS5-601-010		SPKR,100<R1800>
3	8A-AS4-005-010		TERMINAL,ASSY<C1800>
4	8A-AS5-005-010		TERMINAL,ASSY<R1800>
5	8A-AS4-001-010		GRILLE,FRAME ASSY<C1800>
6	8A-AS5-001-010		GRILLE,FRAME ASSY<R1800>

ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-MHM-901-010		IB,H(ECA)M
2	87-043-115-010		ANT,FEEDER FM
3	87-A90-030-010		ANT,LOOP AM-NC C
4	8A-MTM-701-010		RC UNIT,RC-AAS01(VS)
⚠ 5	87-099-789-010		PLUG,ADPTR TR44
⚠ 6	87-050-103-010		CORD,PIN 1PY1.5M

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